

Program Complot
(Version 2021-1)

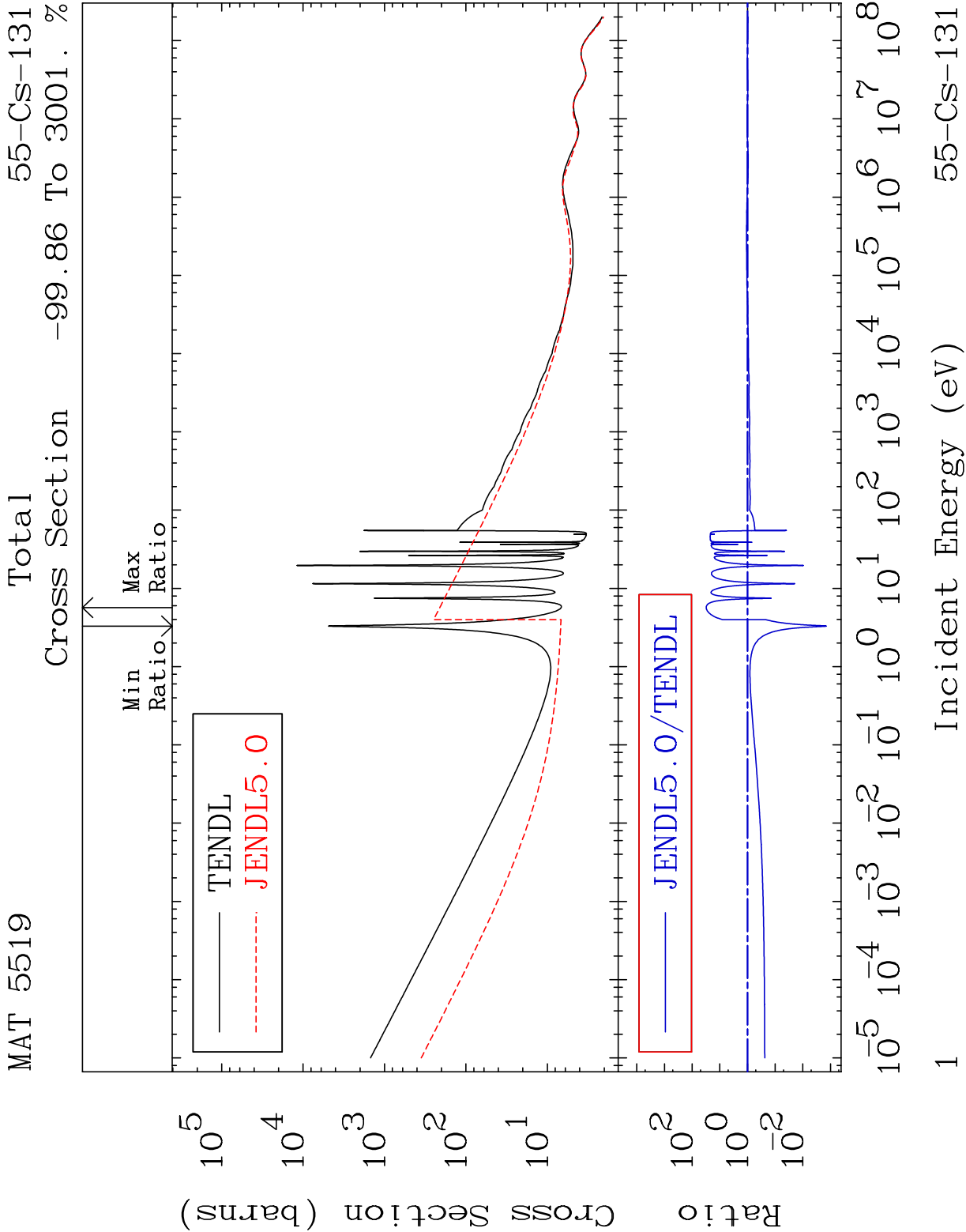
by

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Press Mouse Button to Start

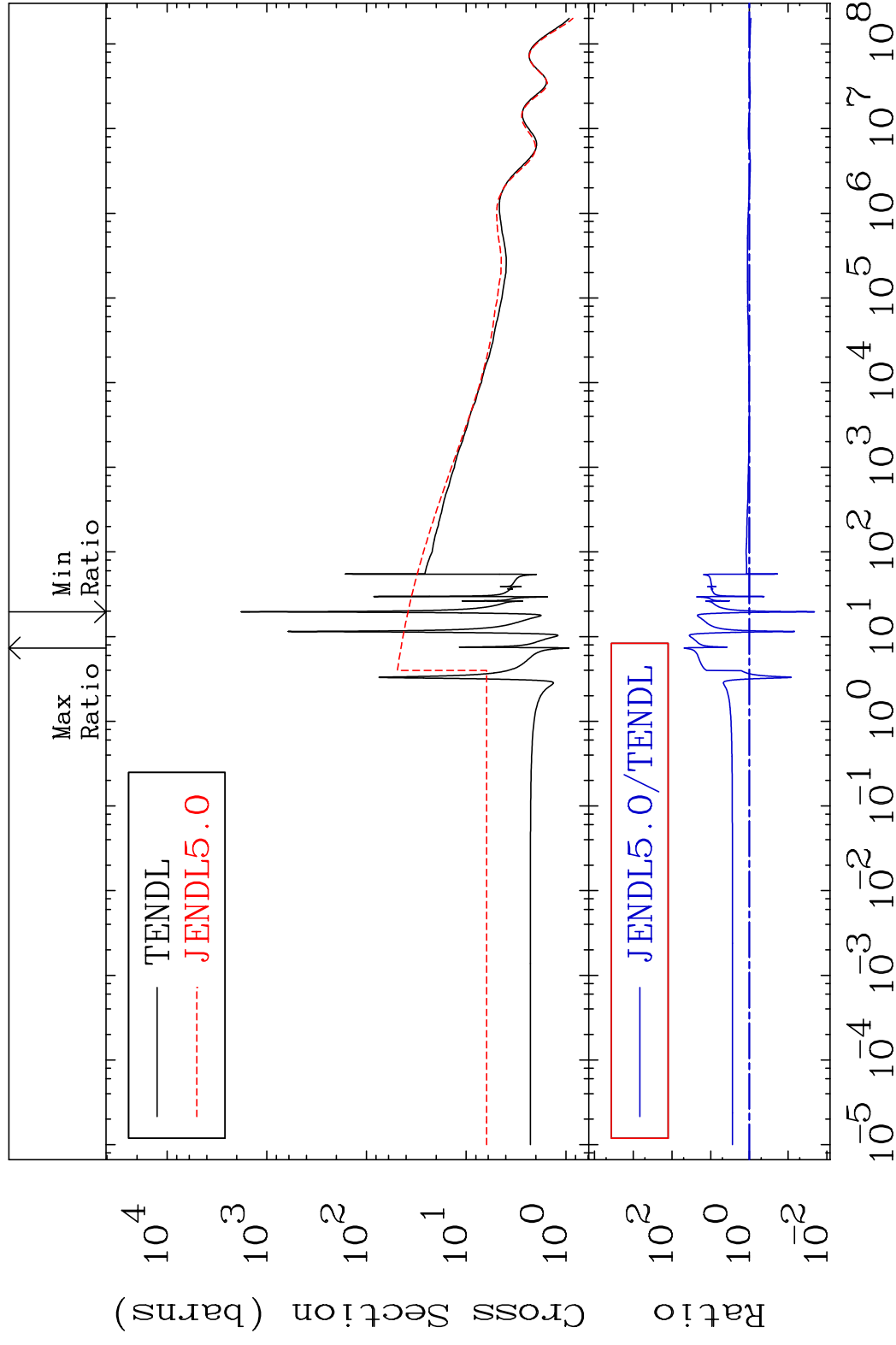


MAT 5519

Elastic

55-CS-131

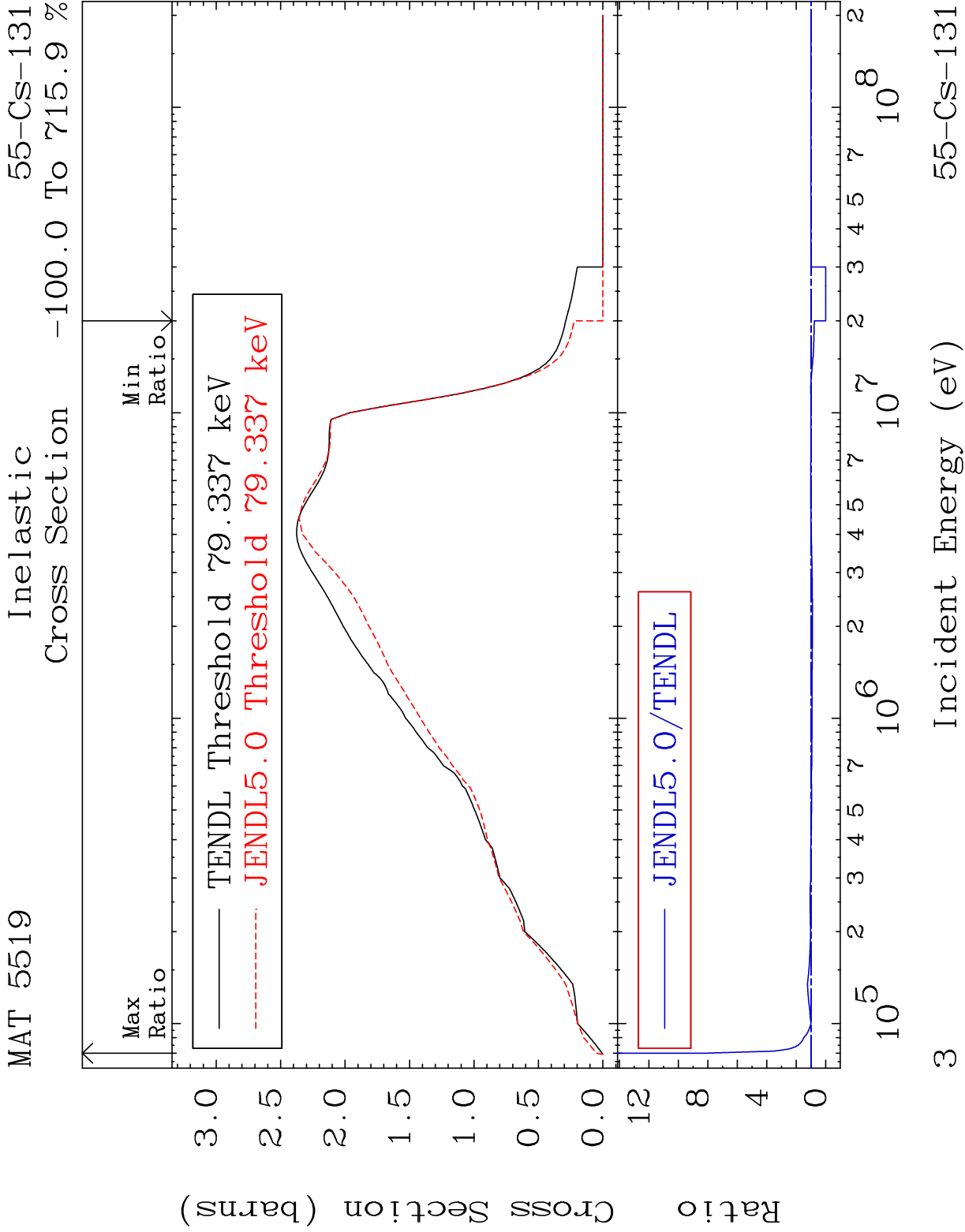
Cross Section -97.88 To 4763. %

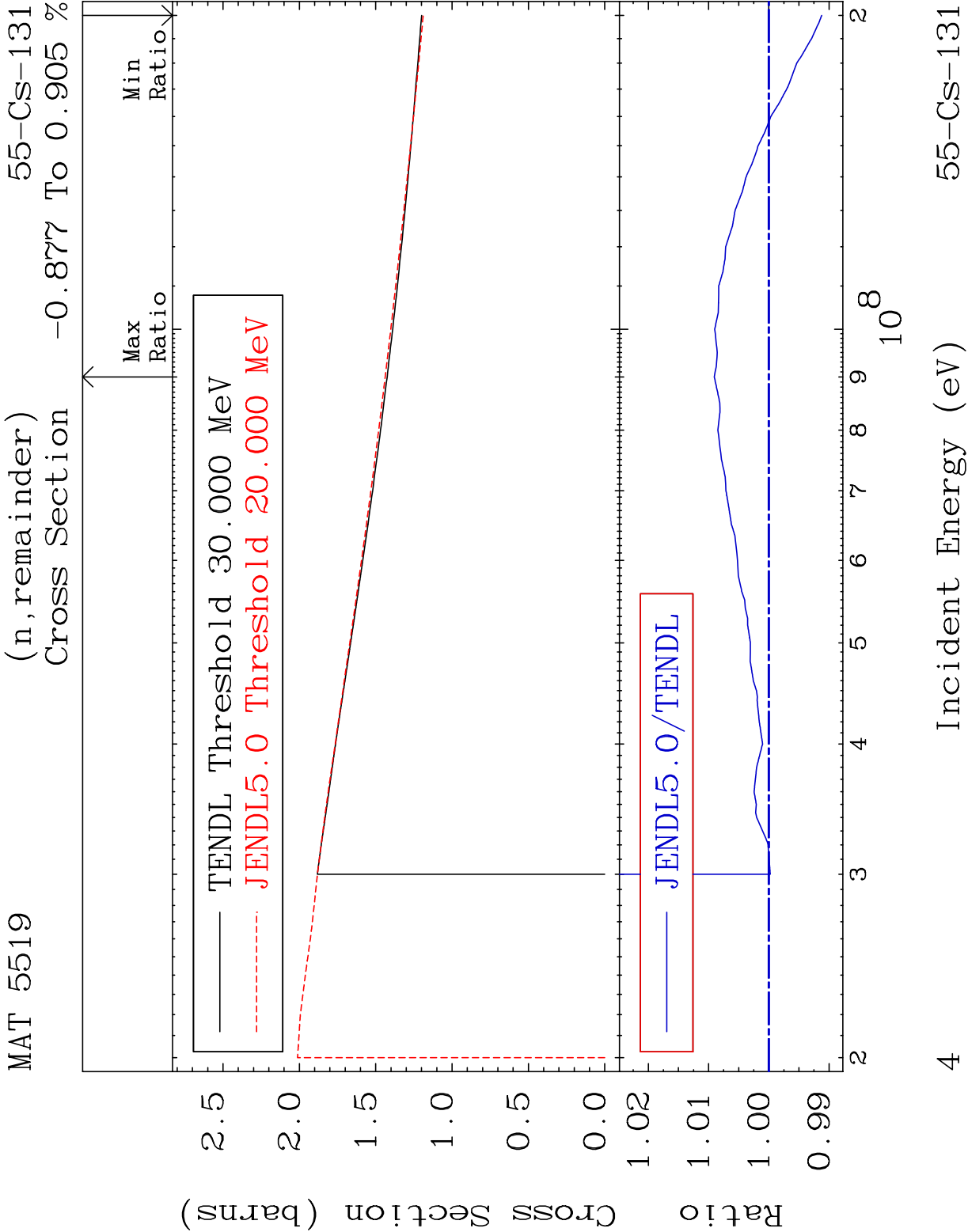


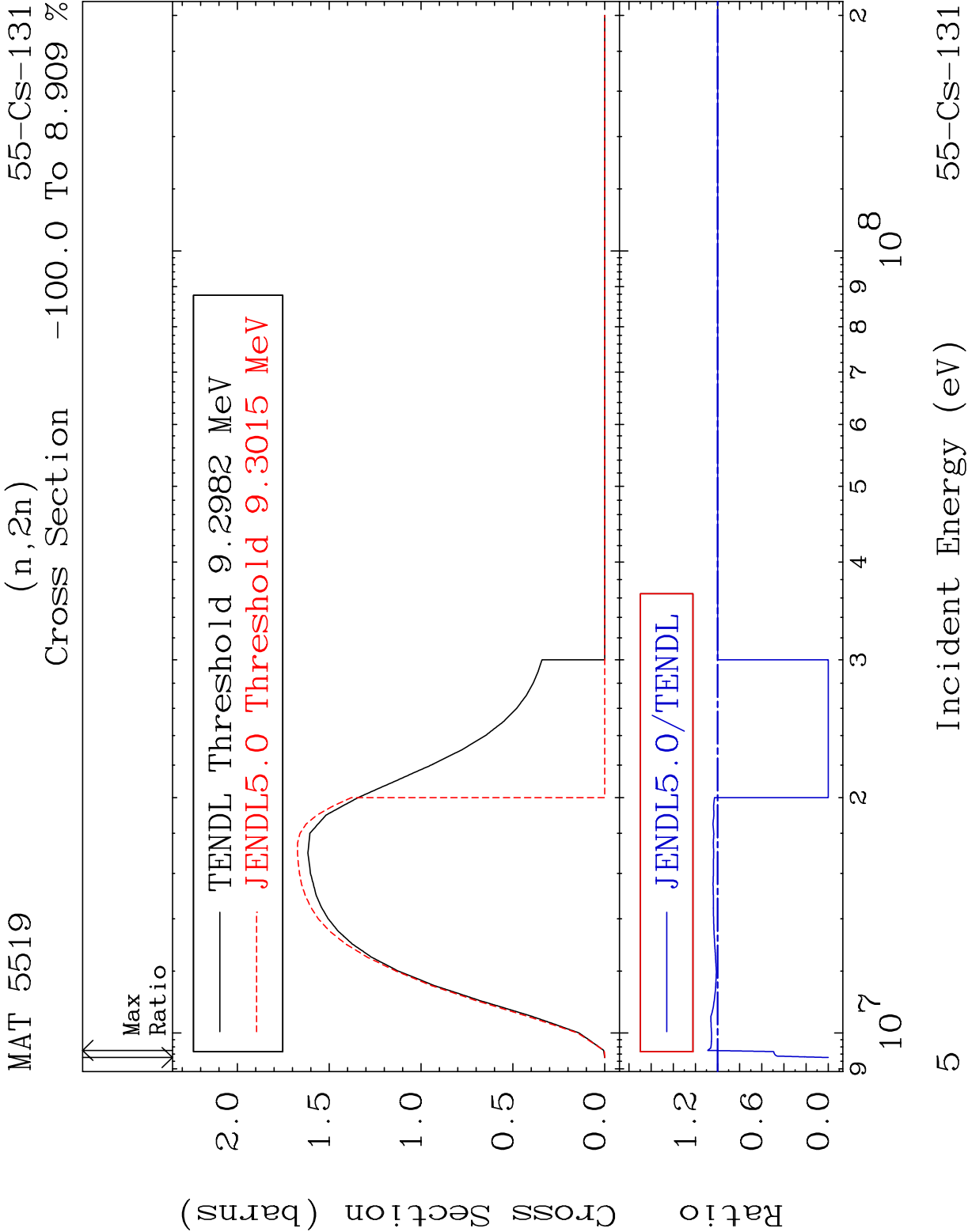
2

Incident Energy (eV)

55-CS-131





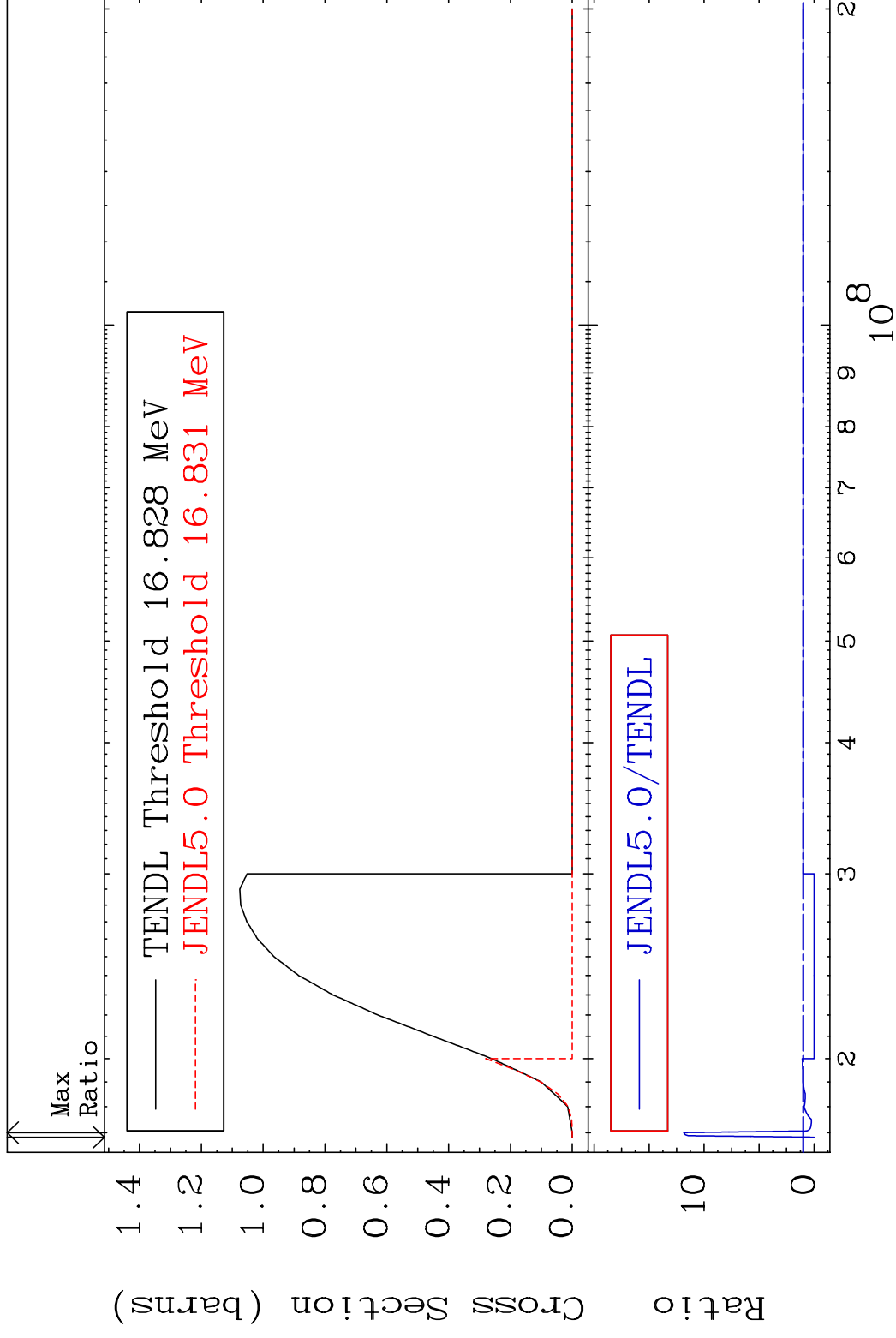


MAT 5519

$$(n, 3n)$$

55-CS-131

Cross Section	-100.0 To 1086. %



TENDL Threshold 16.828 MeV

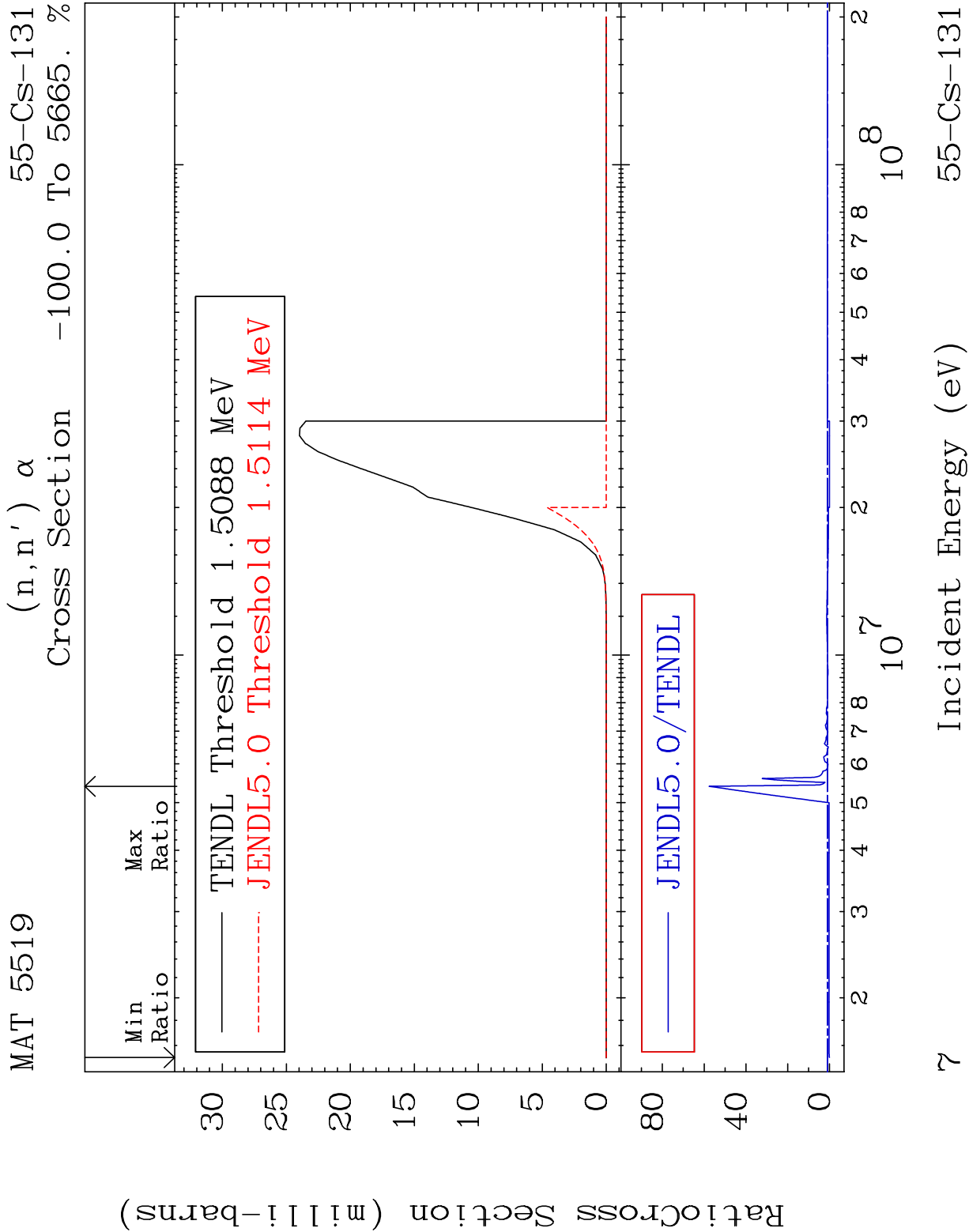
----- JENDL5.0 Threshold 16.831 MeV

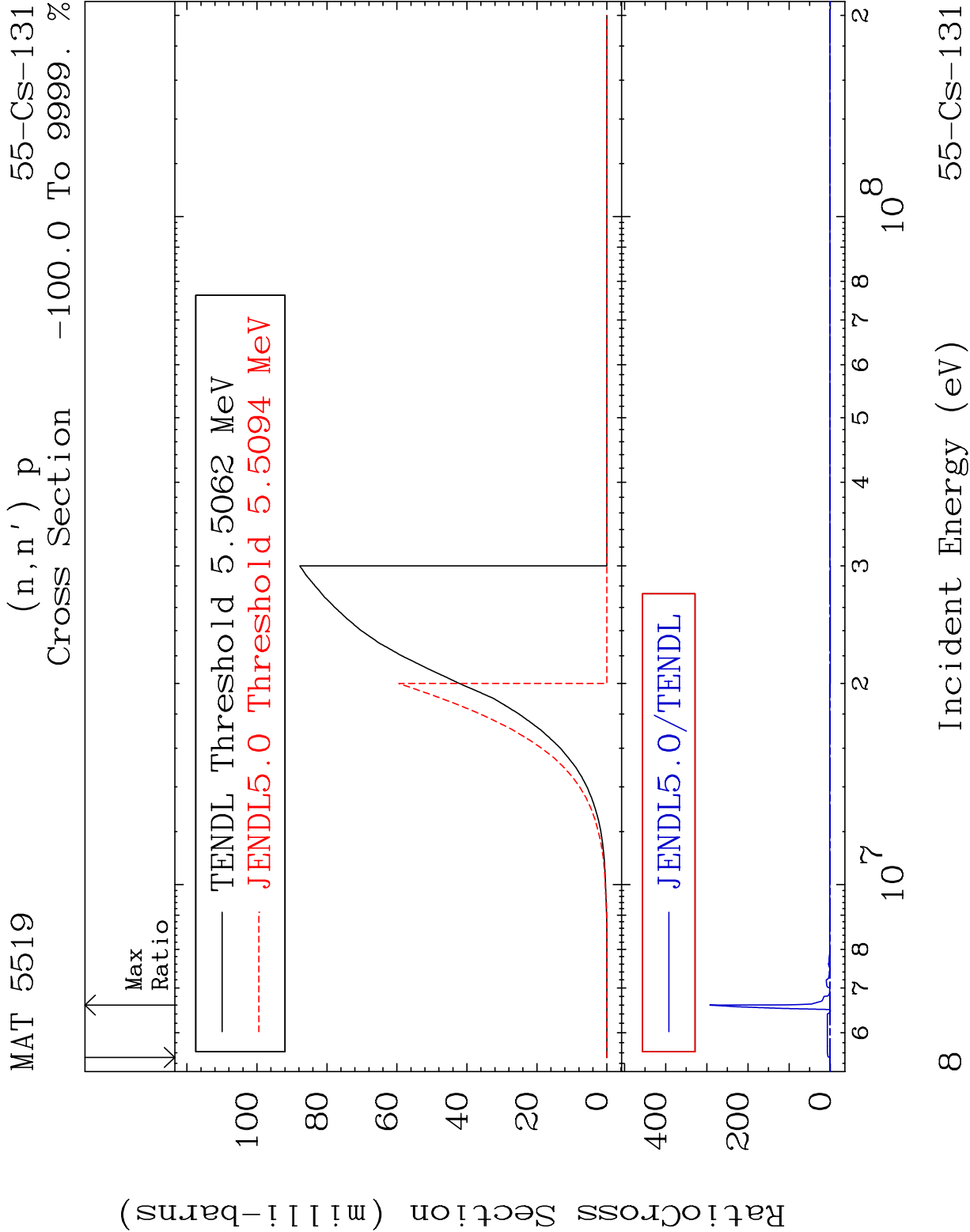
JENDL5.0/TENDL

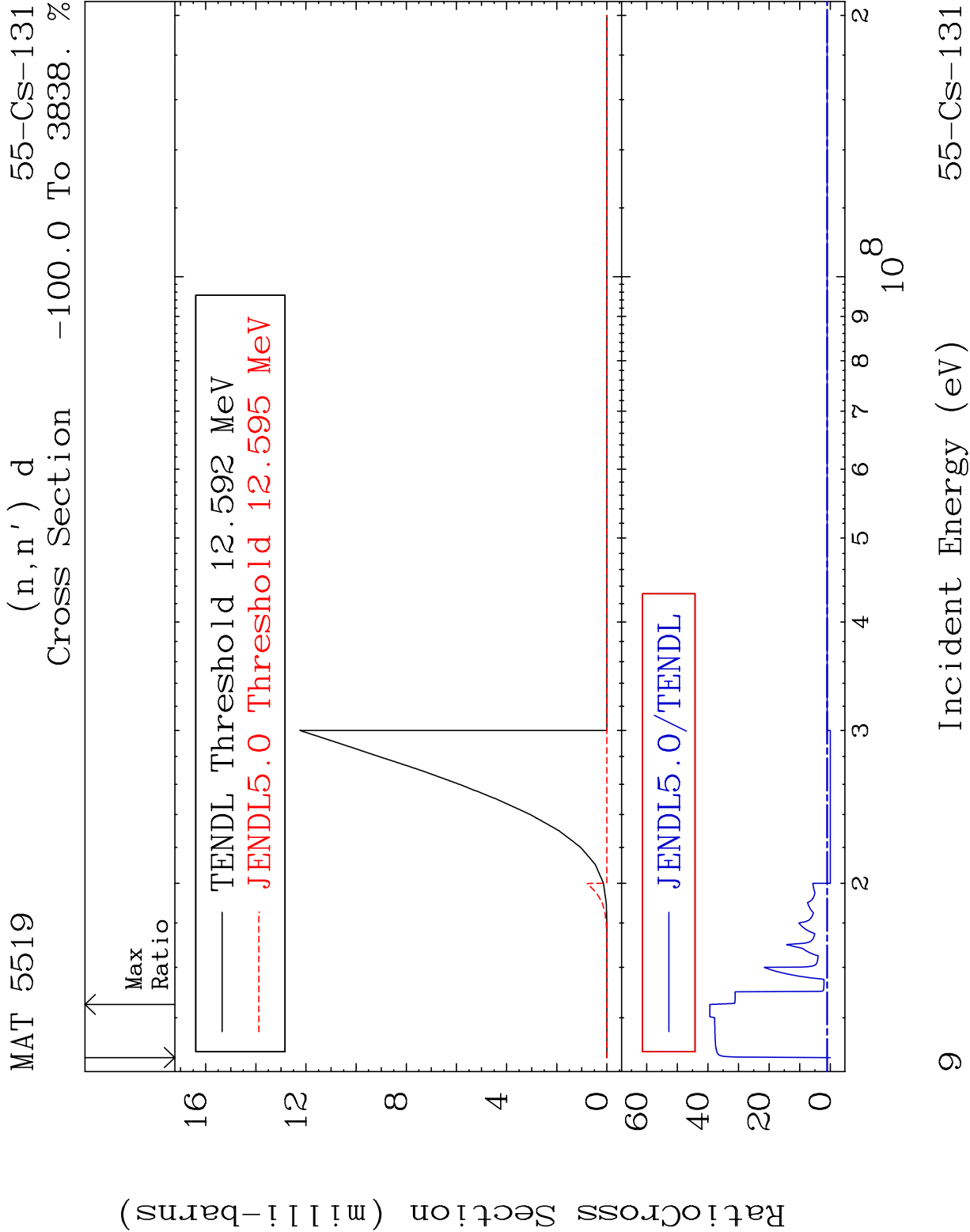
9

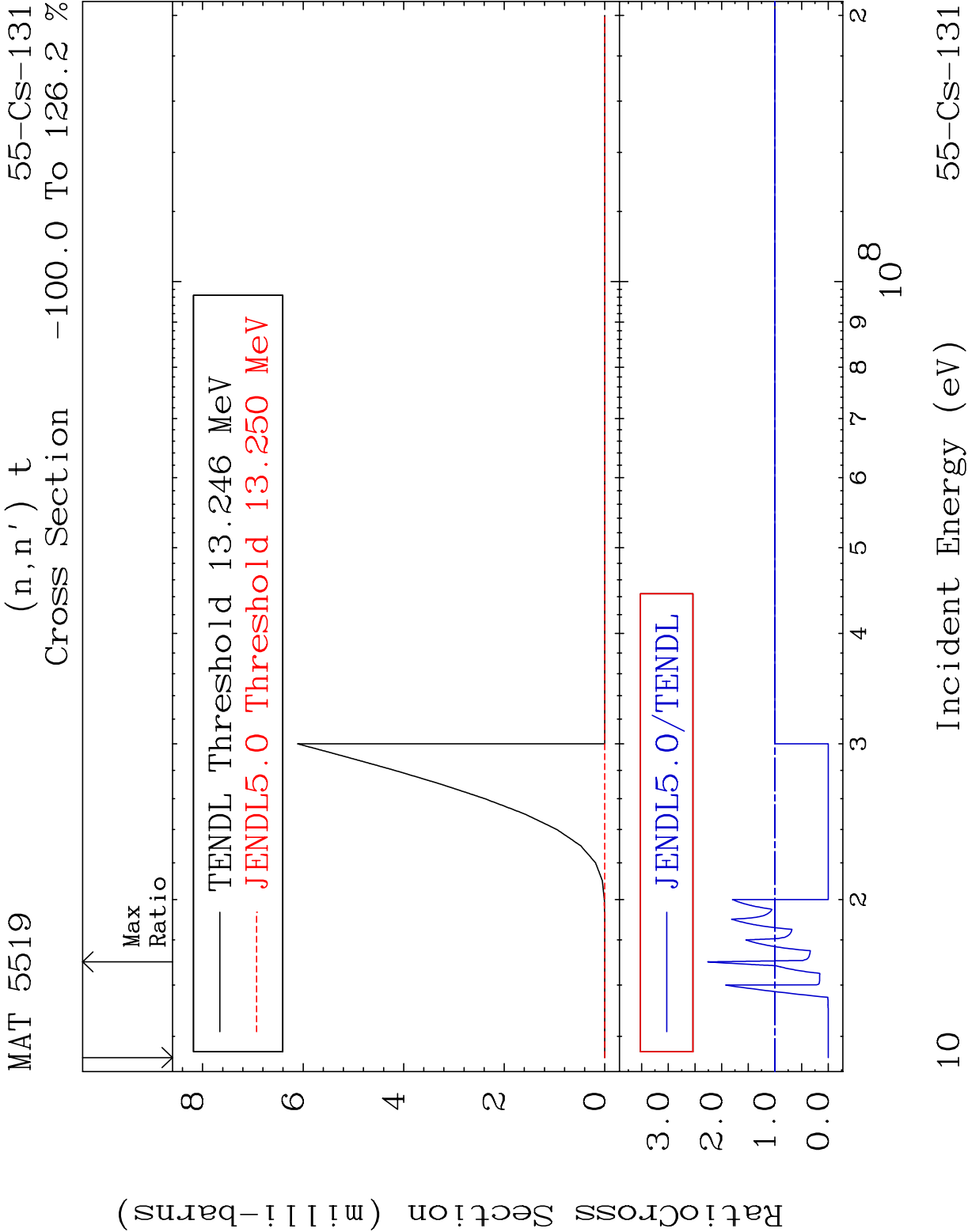
Incident Energy (eV)

55-CS-131

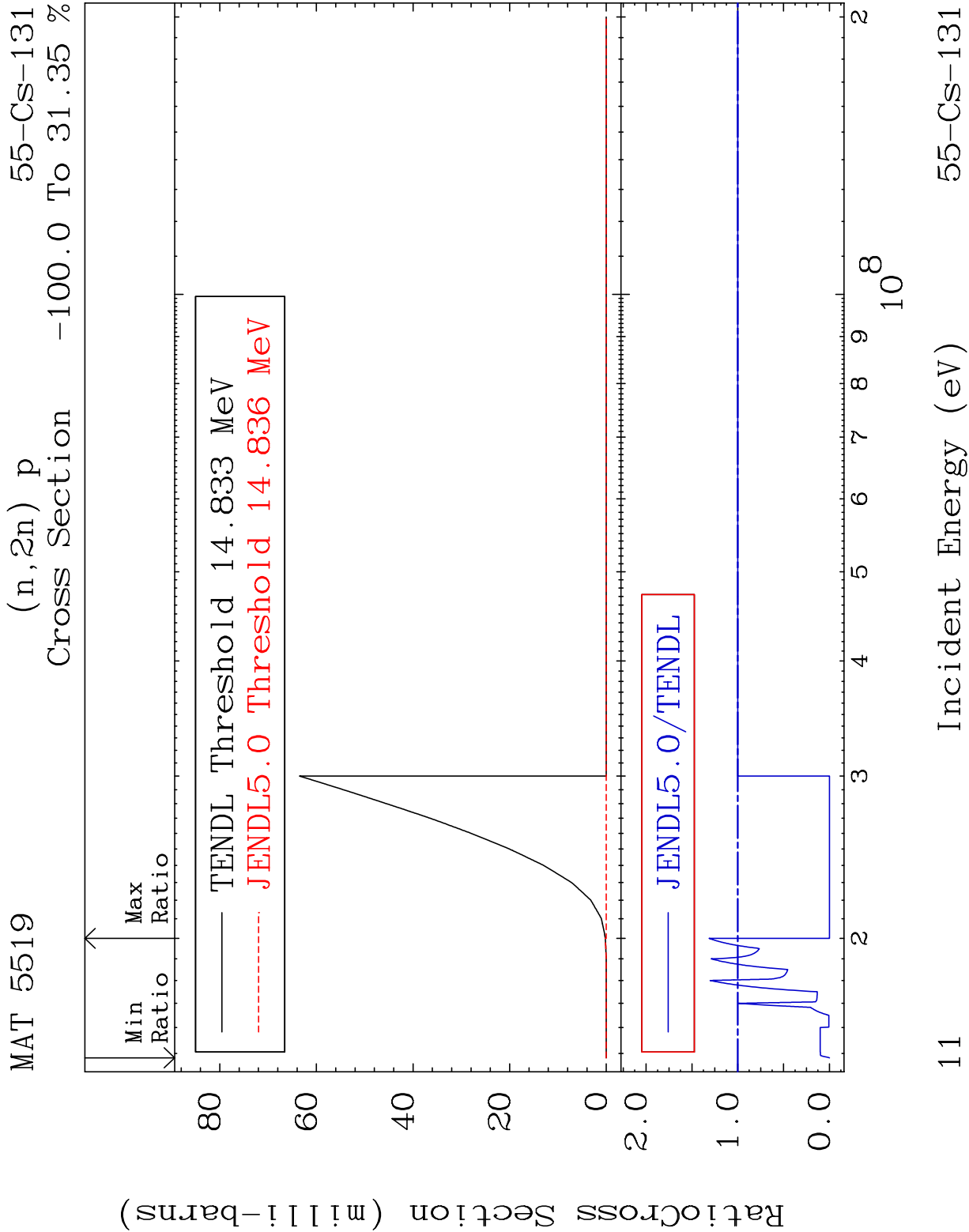


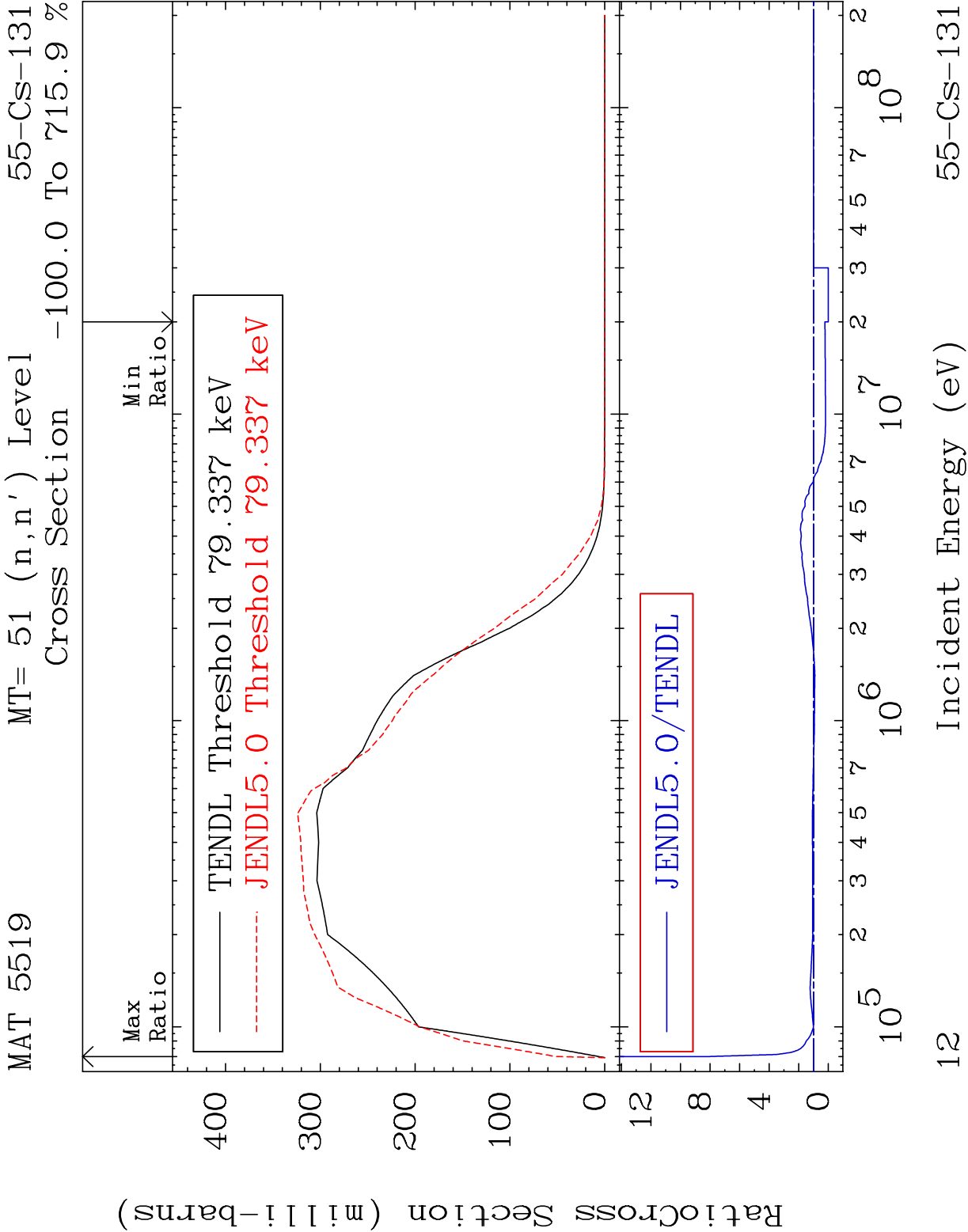






55-Cs-131





MAT 5519

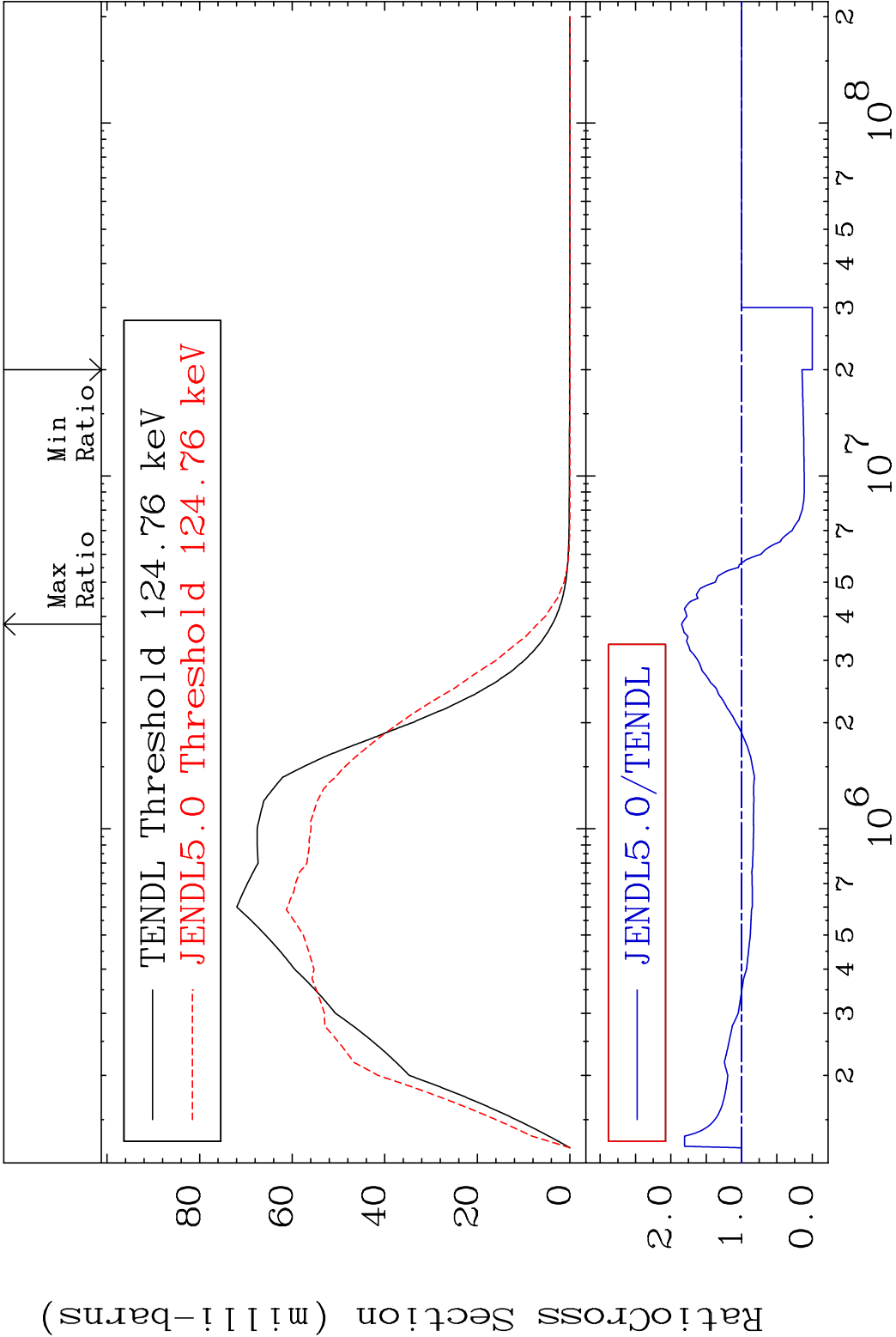
MT= 52 (n,n')

Level

55-Cs-131

Cross Section

-100.0 To 84.88 %



MAT 5519

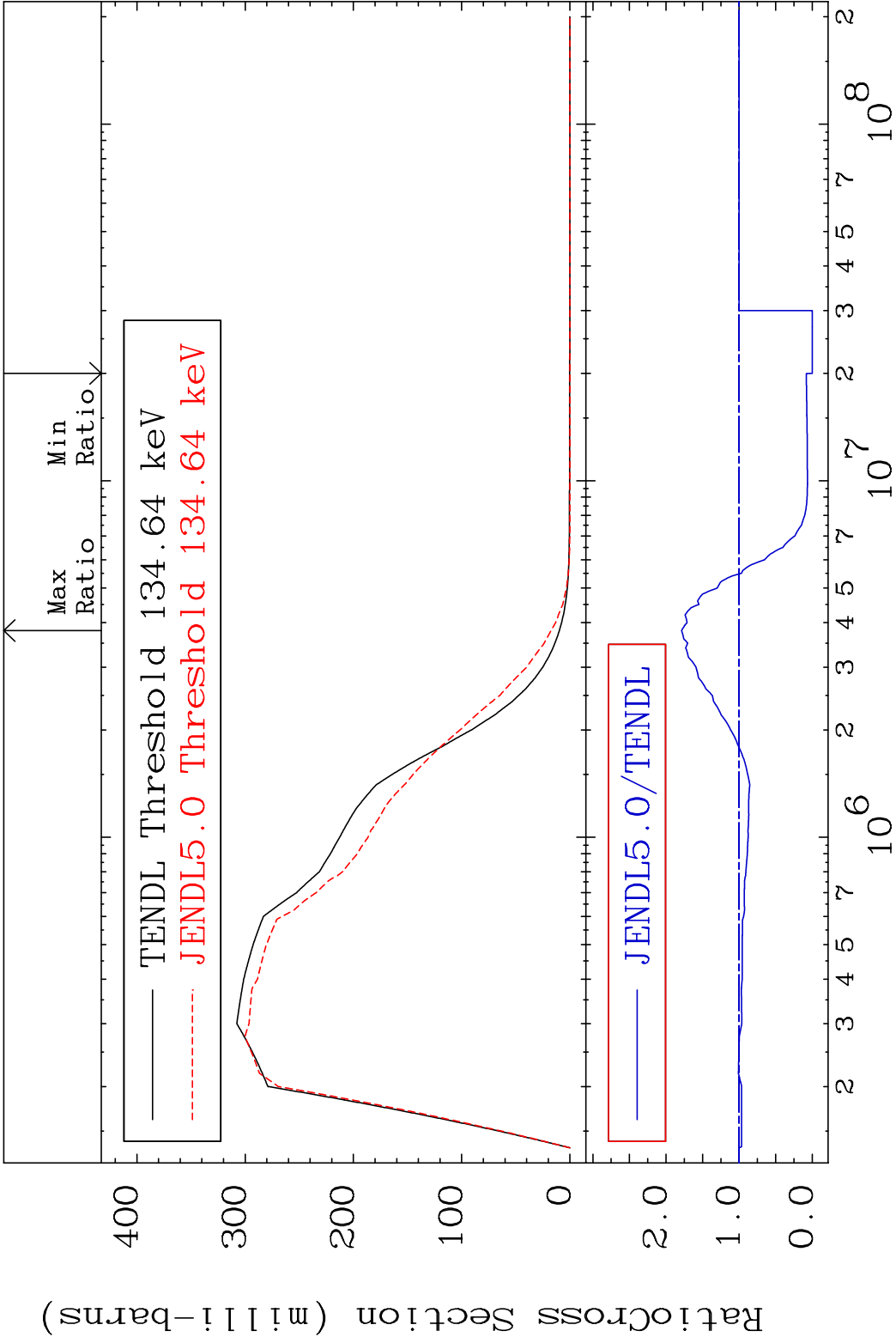
MT= 53 (n,n')

Level

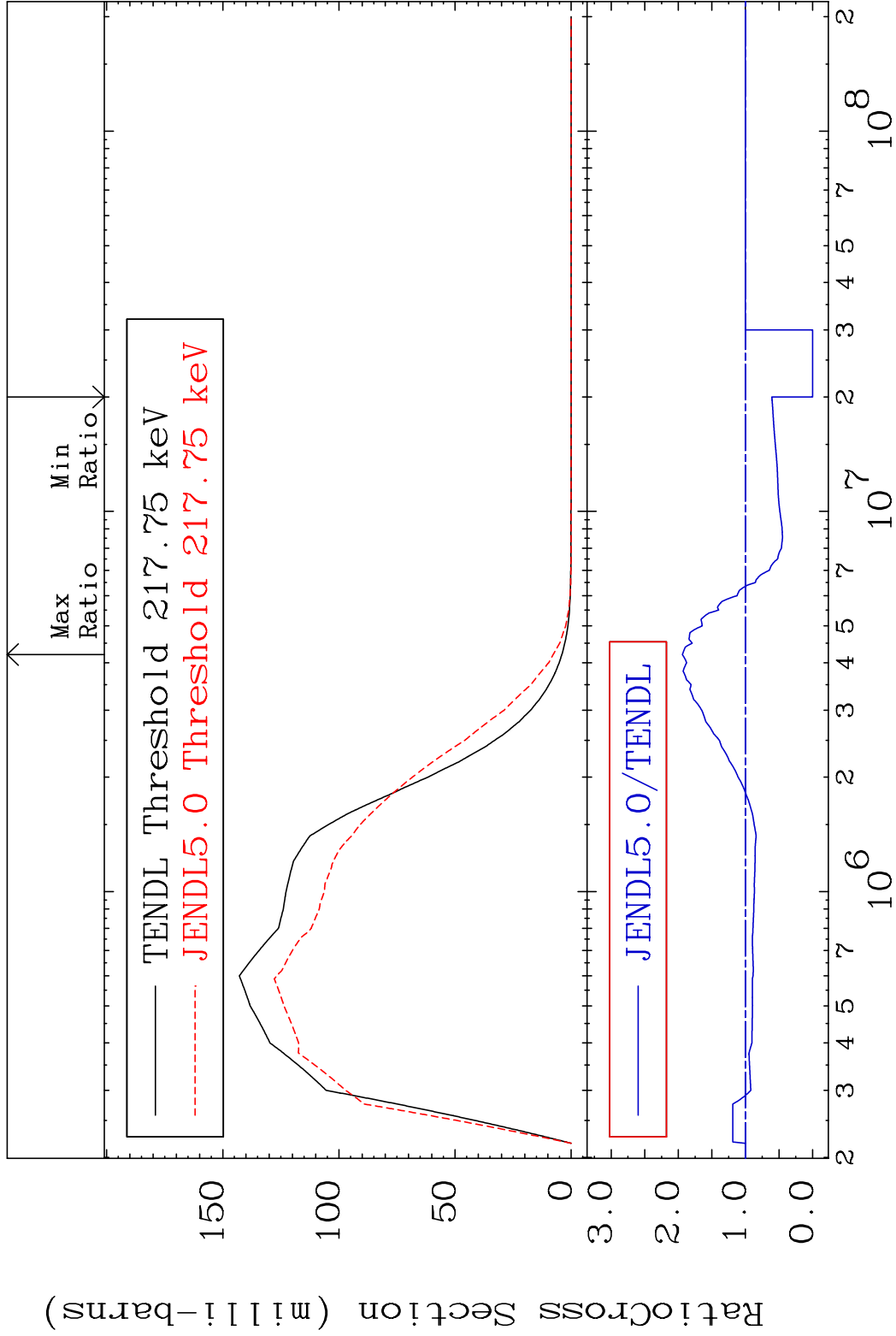
55-Cs-131

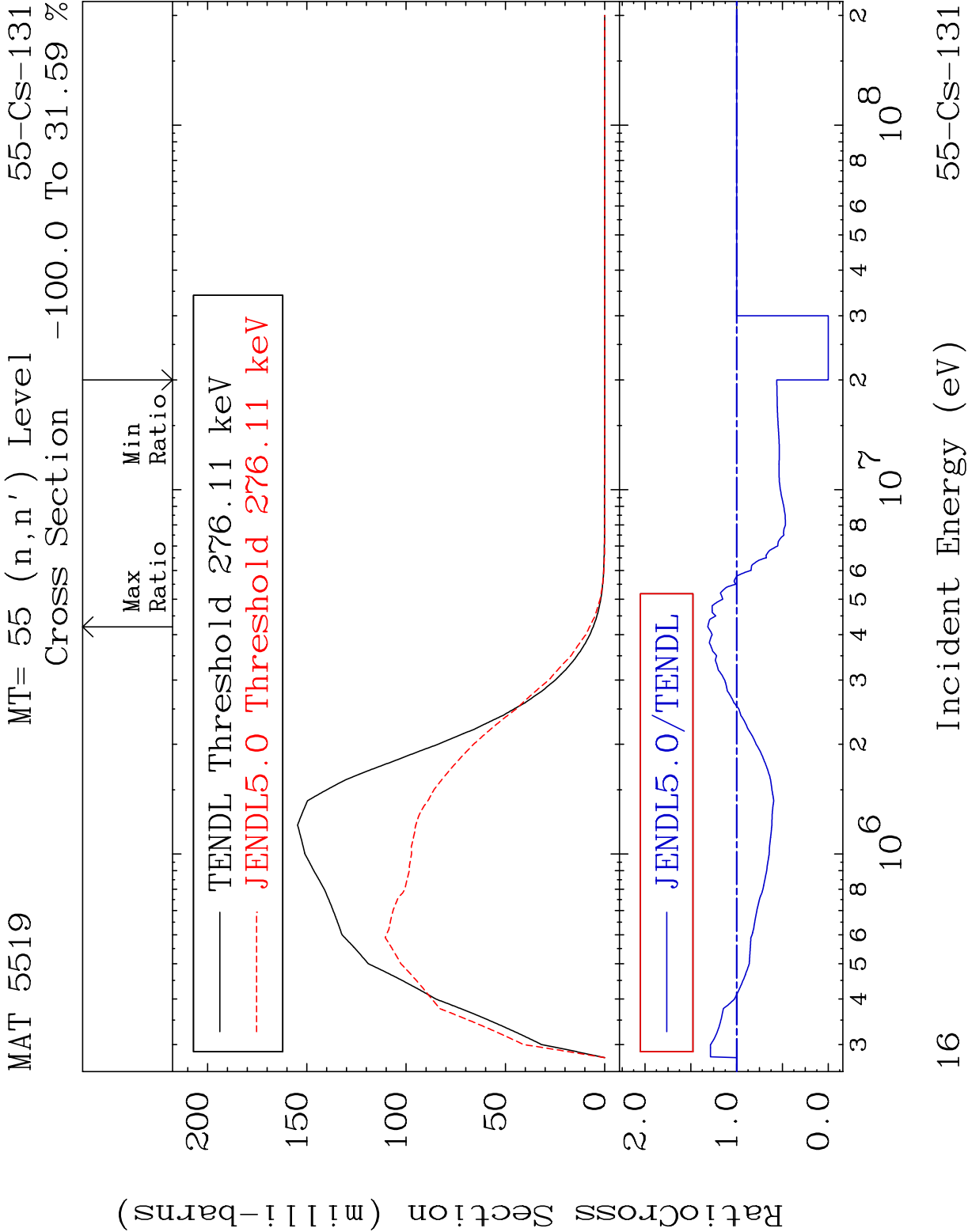
Cross Section

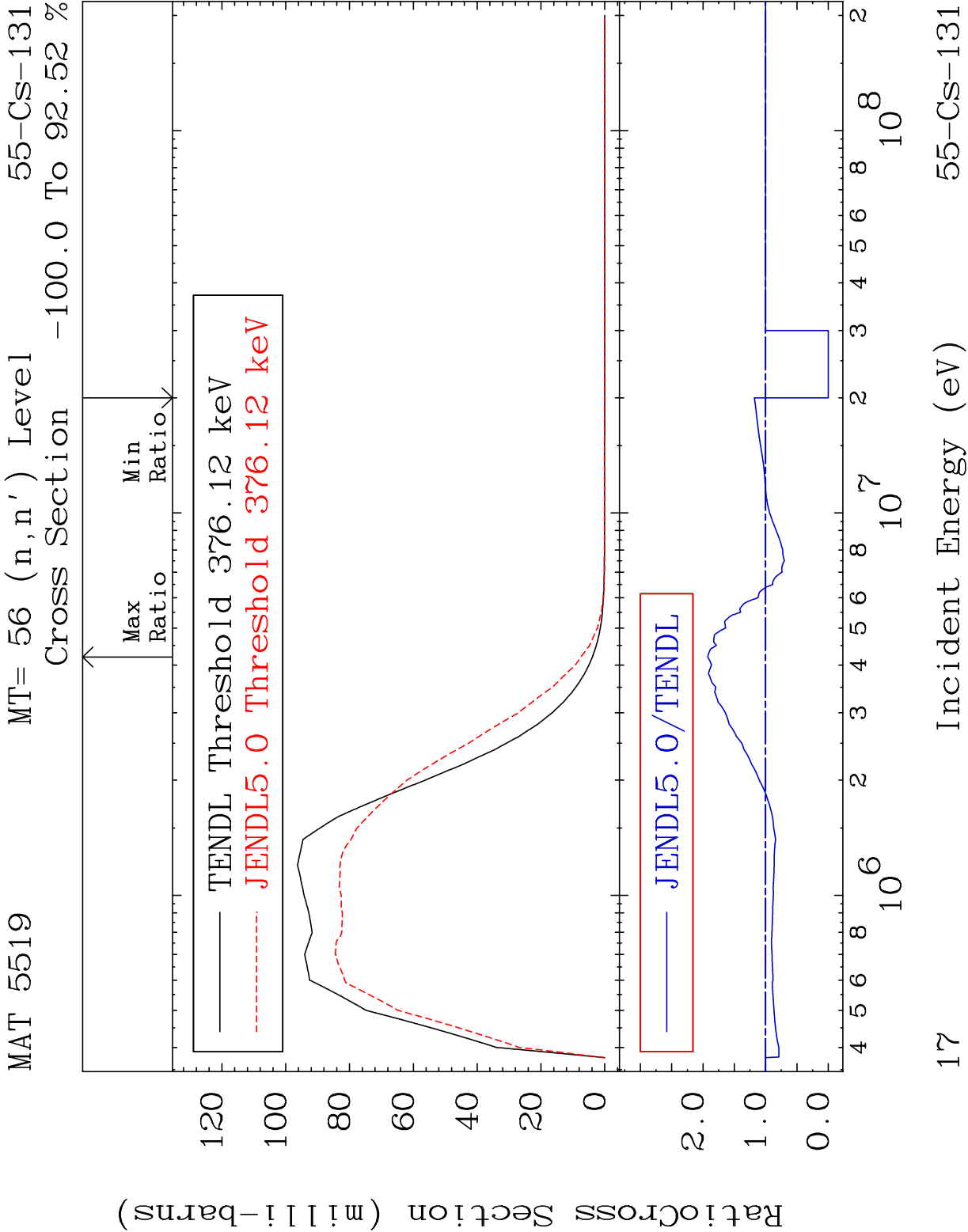
-100.0 To 78.76 %



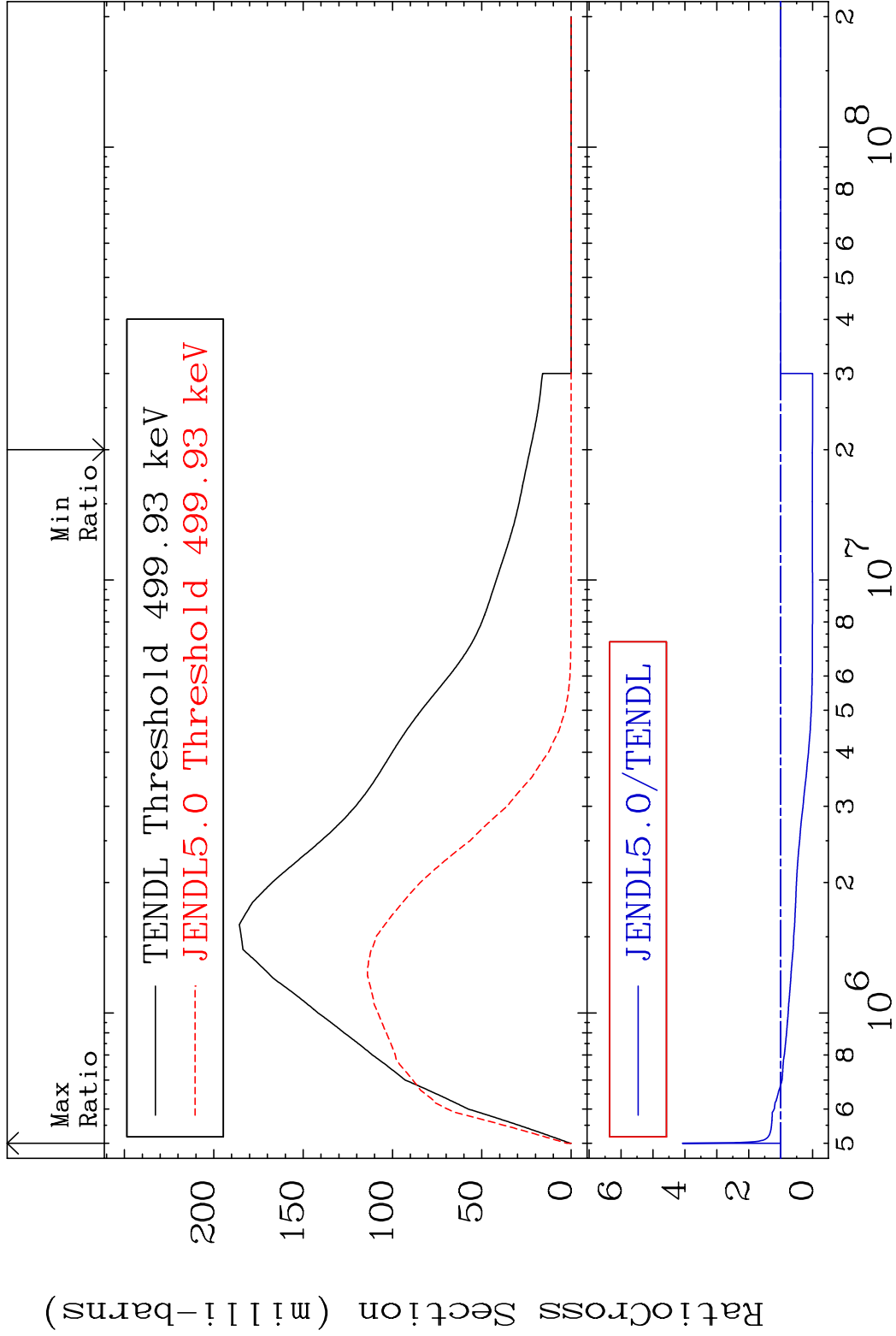
MAT 5519 MT= 54 (n,n') Level 55-Cs-131
Cross Section -100.0 To 94.00 %





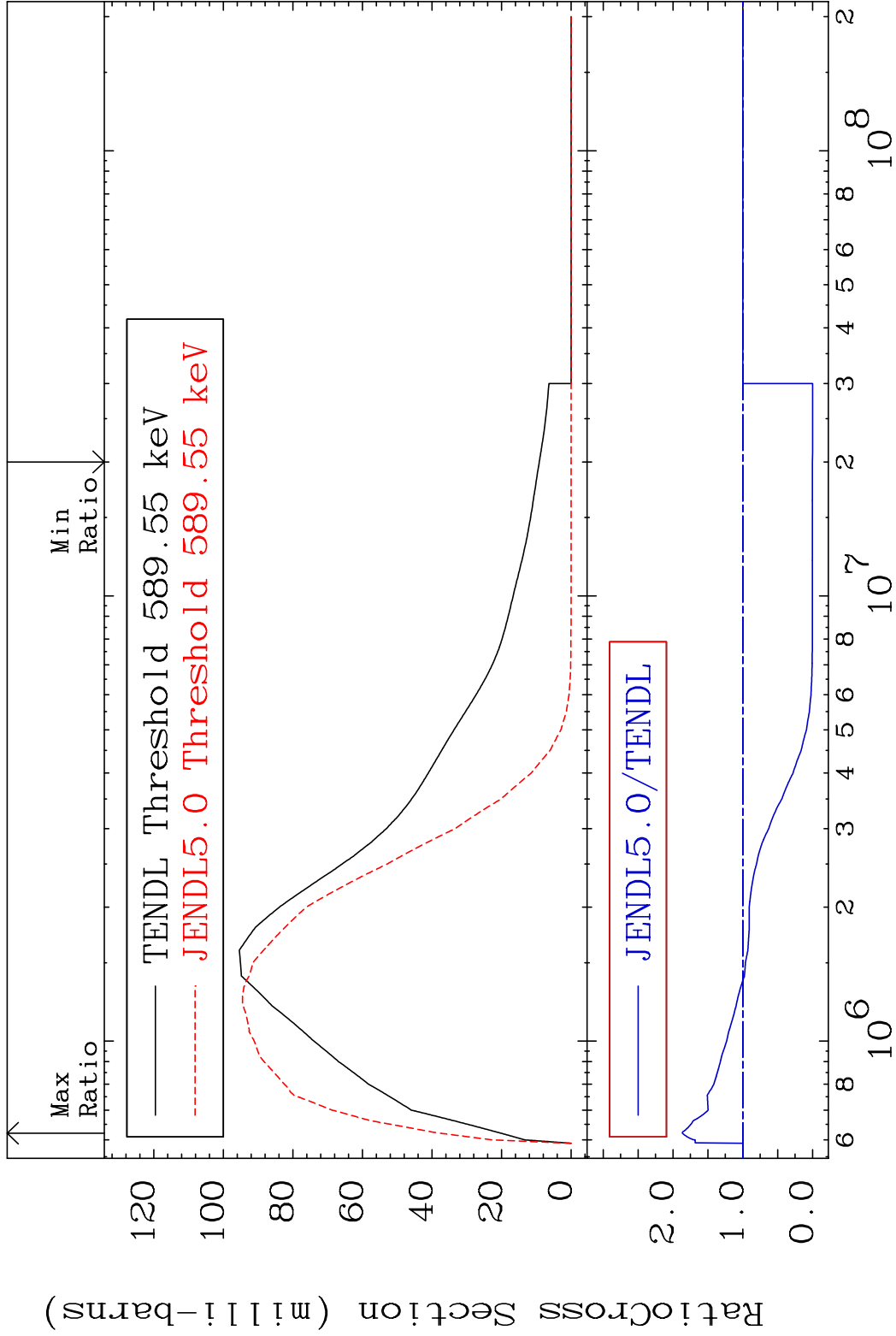


MAT 5519 MT= 57 (n,n') Level 55-Cs-131
Cross Section -100.0 To 308.0 %

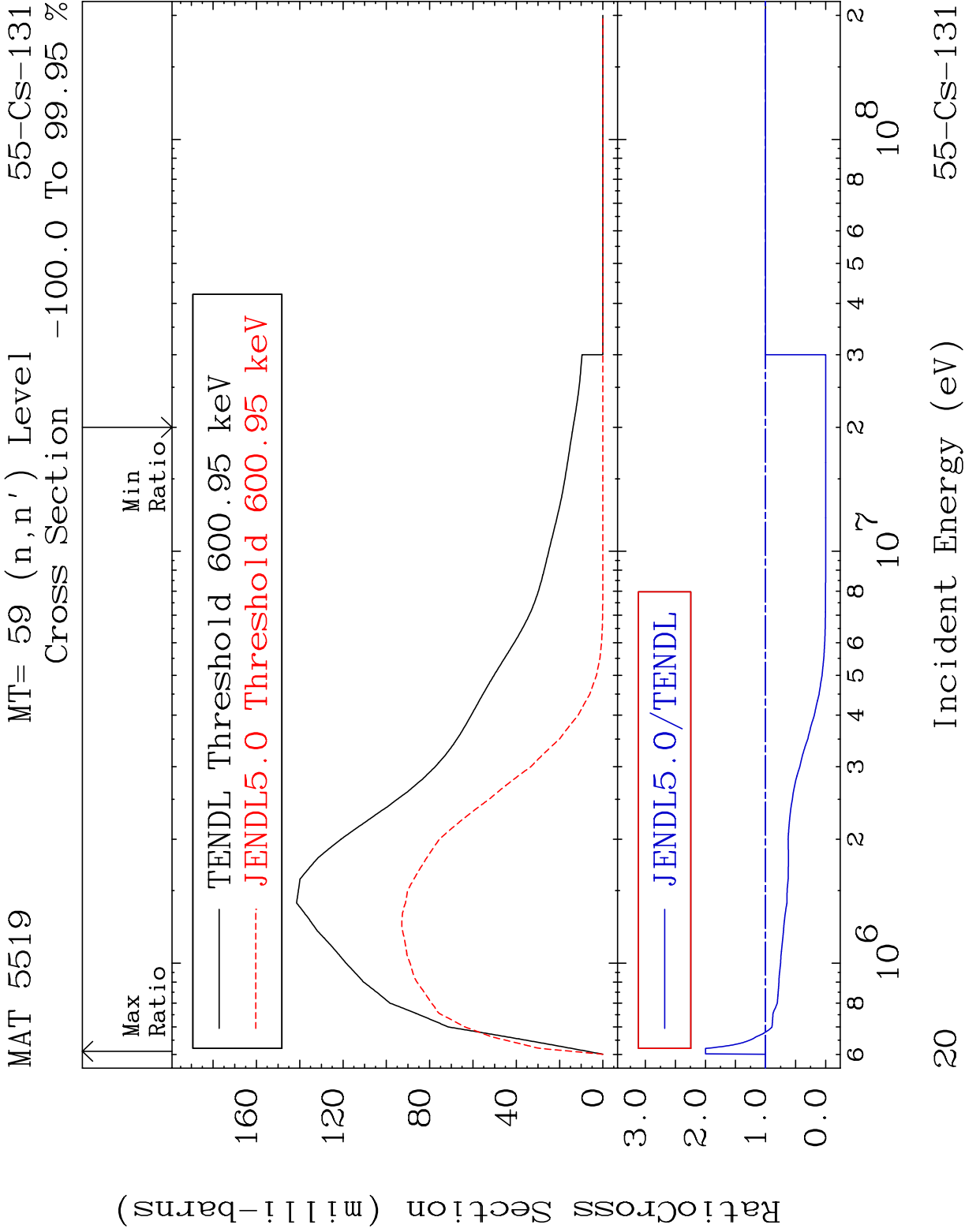


18 Incident Energy (eV) 55-Cs-131

MAT 5519 MT= 58 (n,n') Level 55-Cs-131
Cross Section -100.0 To 86.60 %



19 Incident Energy (eV) 55-Cs-131



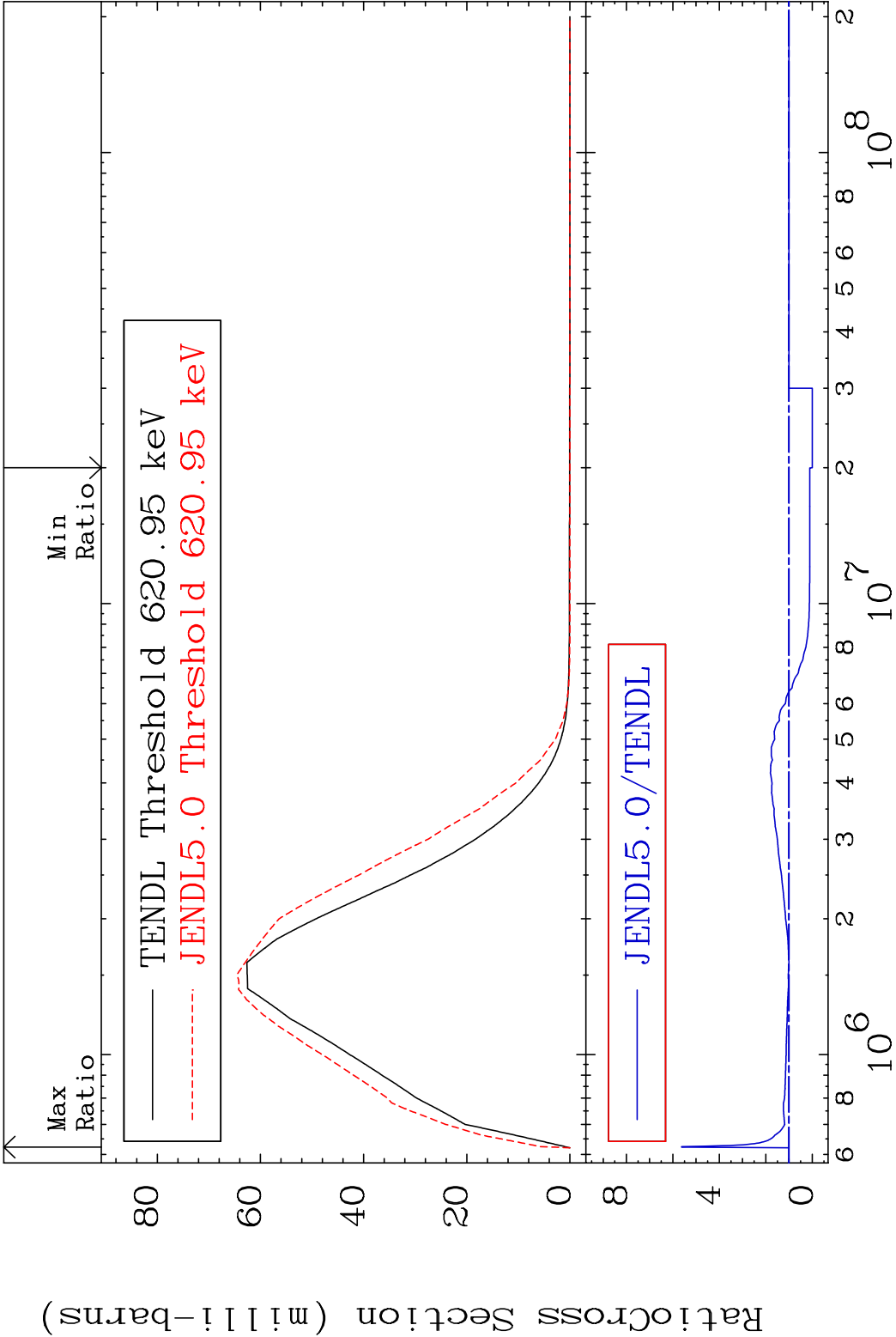
MAT 5519

MT= 60 (n,n') Level

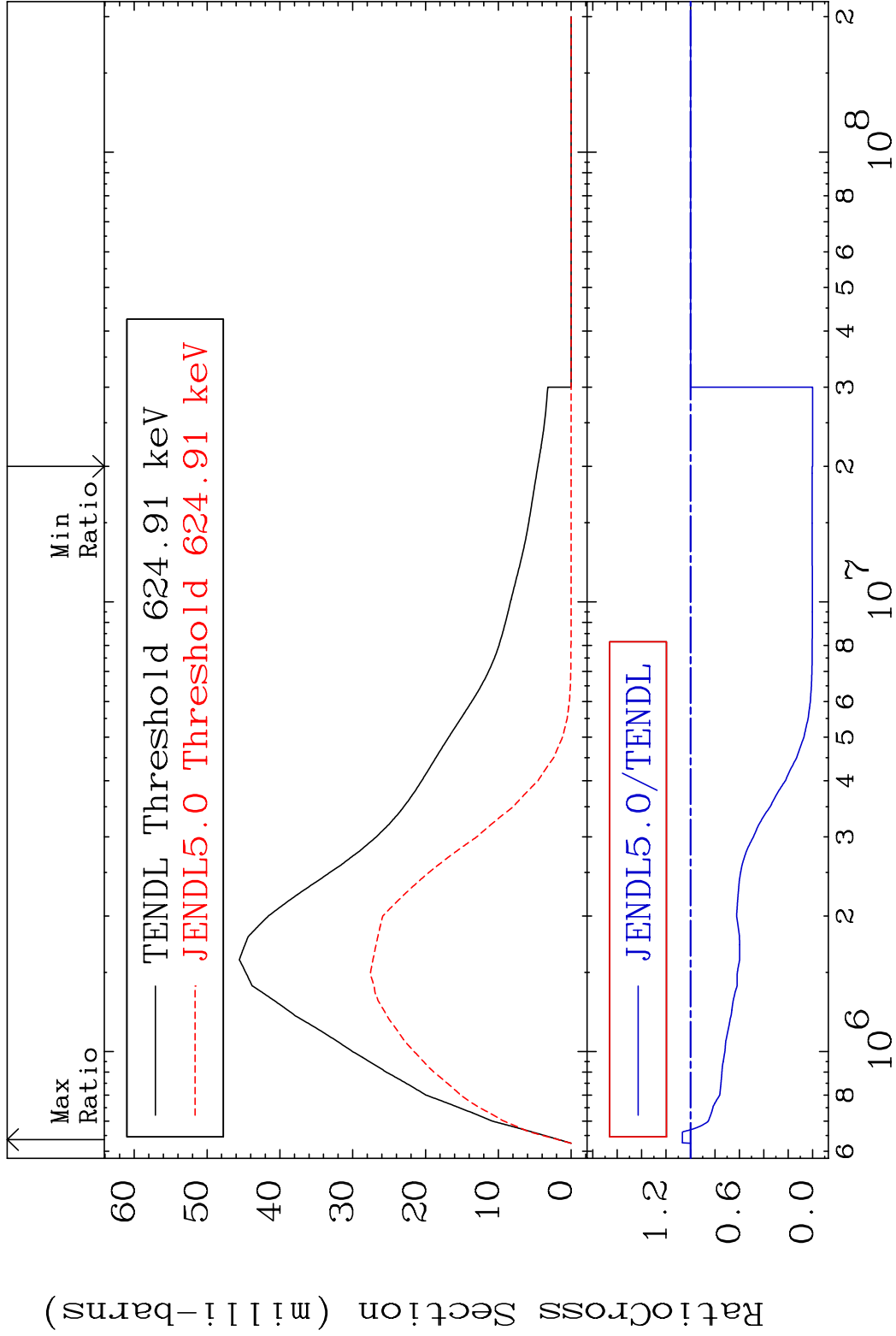
55-Cs-131

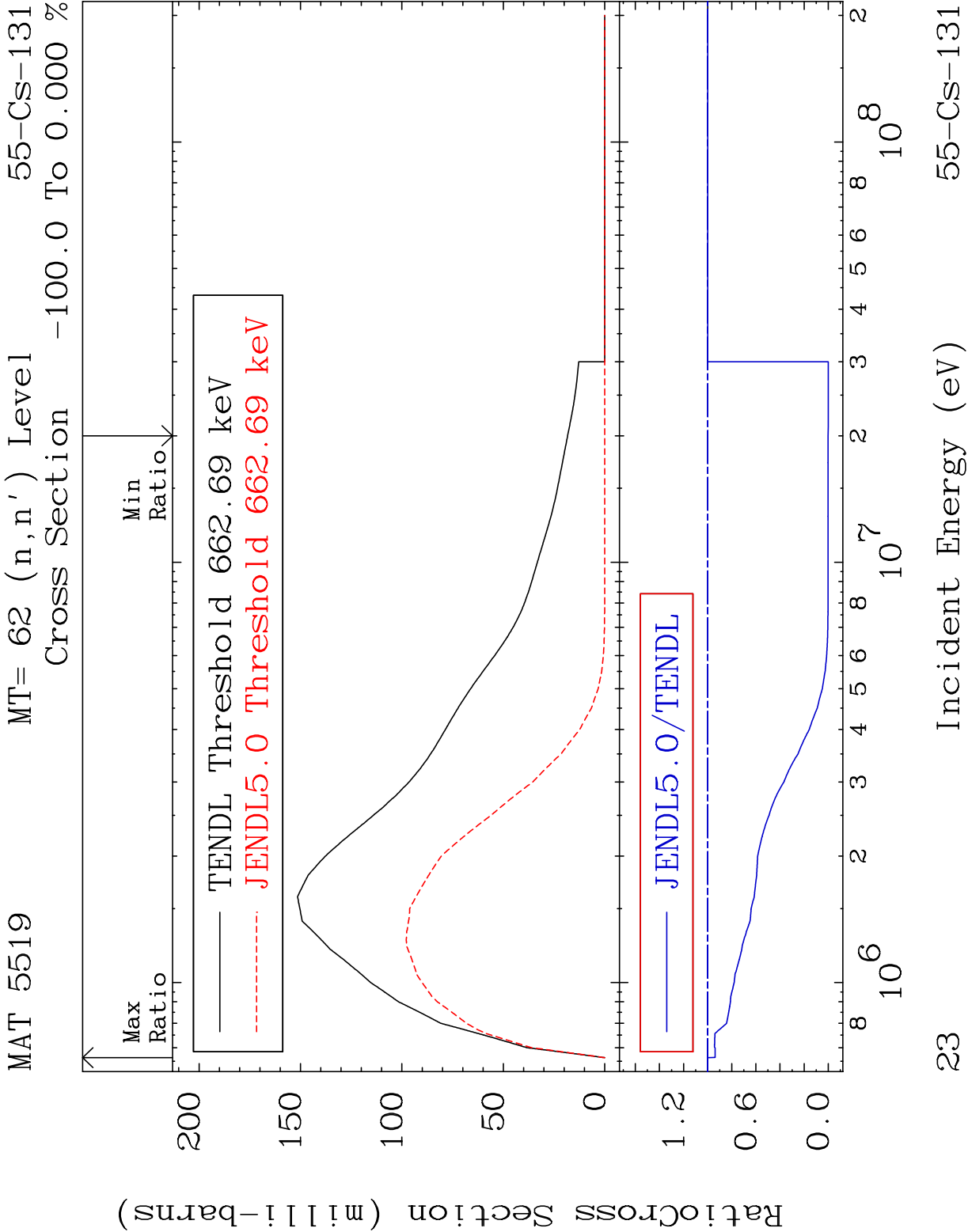
Cross Section

-100.0 To 462.6 %

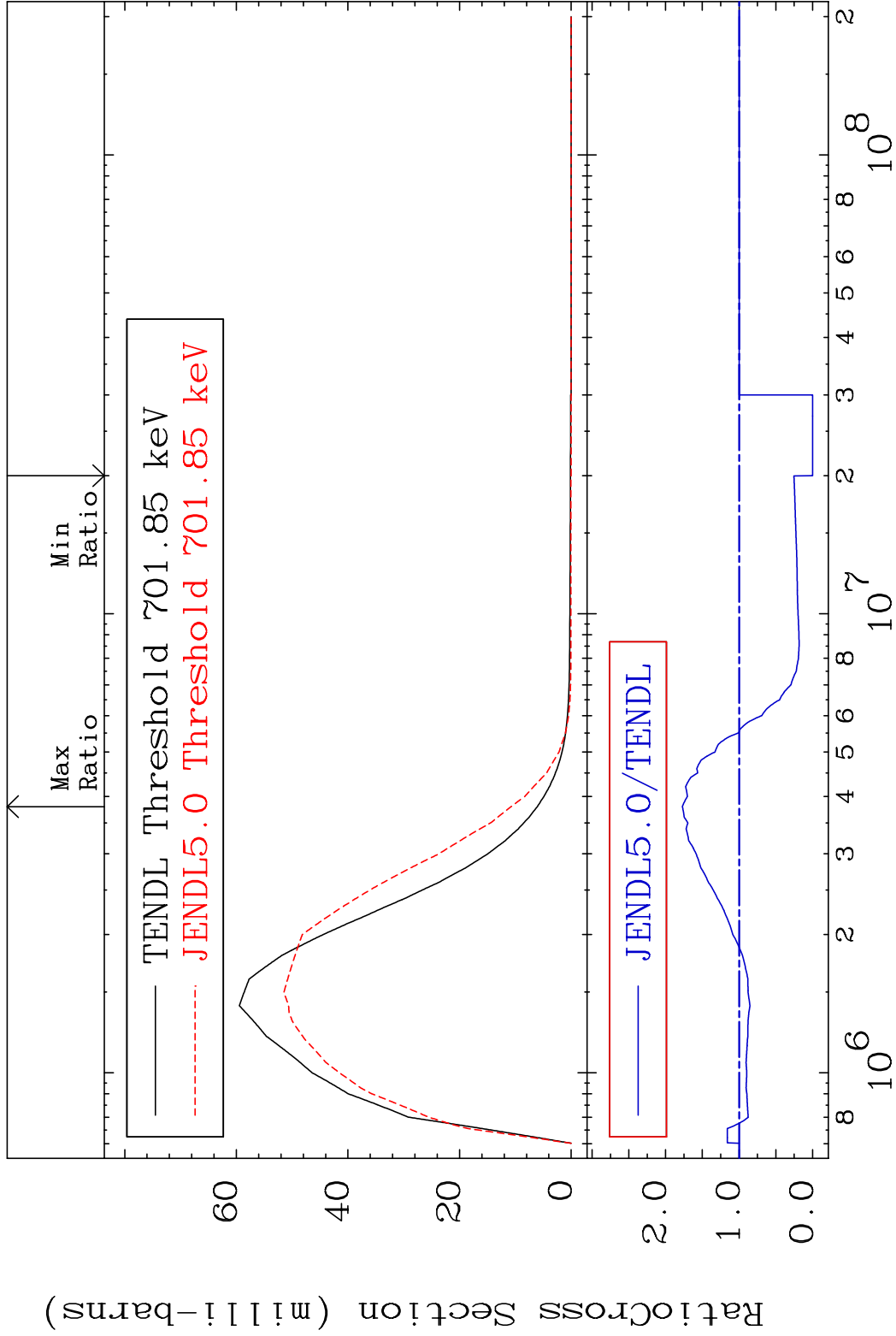


MAT 5519 MT= 61 (n,n') Level 55-Cs-131
Cross Section -100.0 To 6.662 %



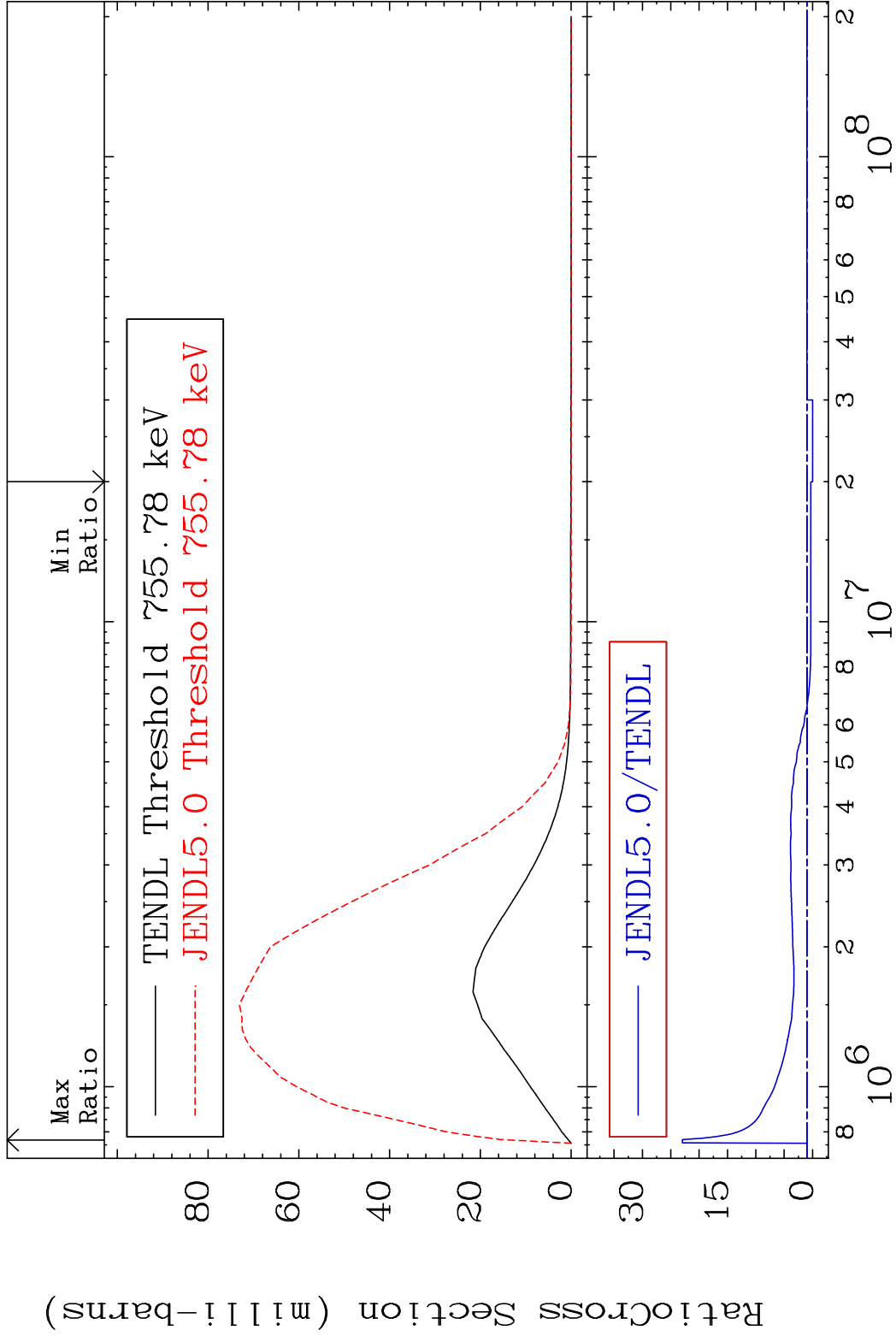


MAT 5519 MT= 63 (n,n') Level 55-Cs-131
Cross Section -100.0 To 77.20 %

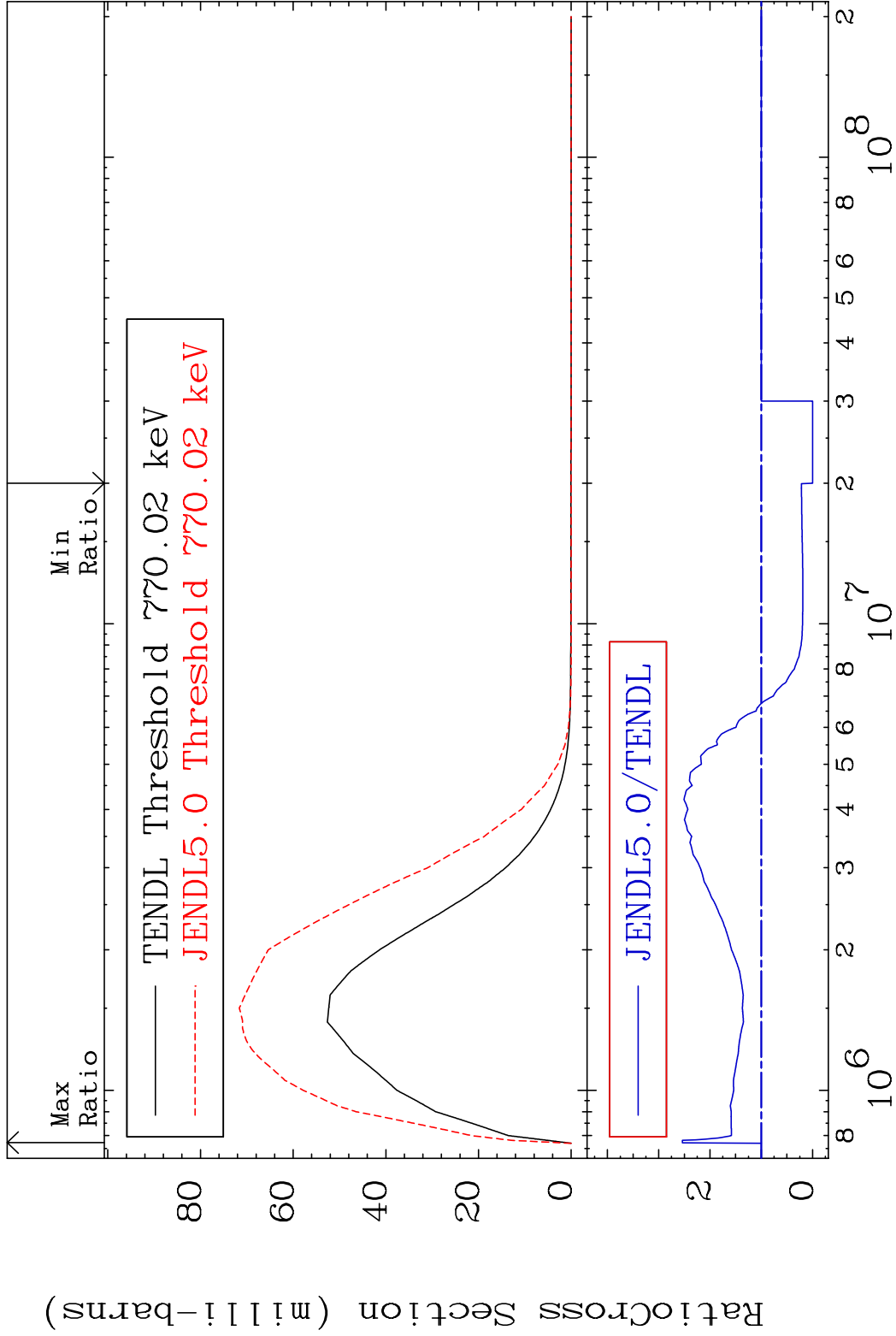


24 Incident Energy (eV) 55-Cs-131

MAT 5519 MT= 64 (n,n') Level 55-Cs-131
Cross Section -100.0 To 2196. %

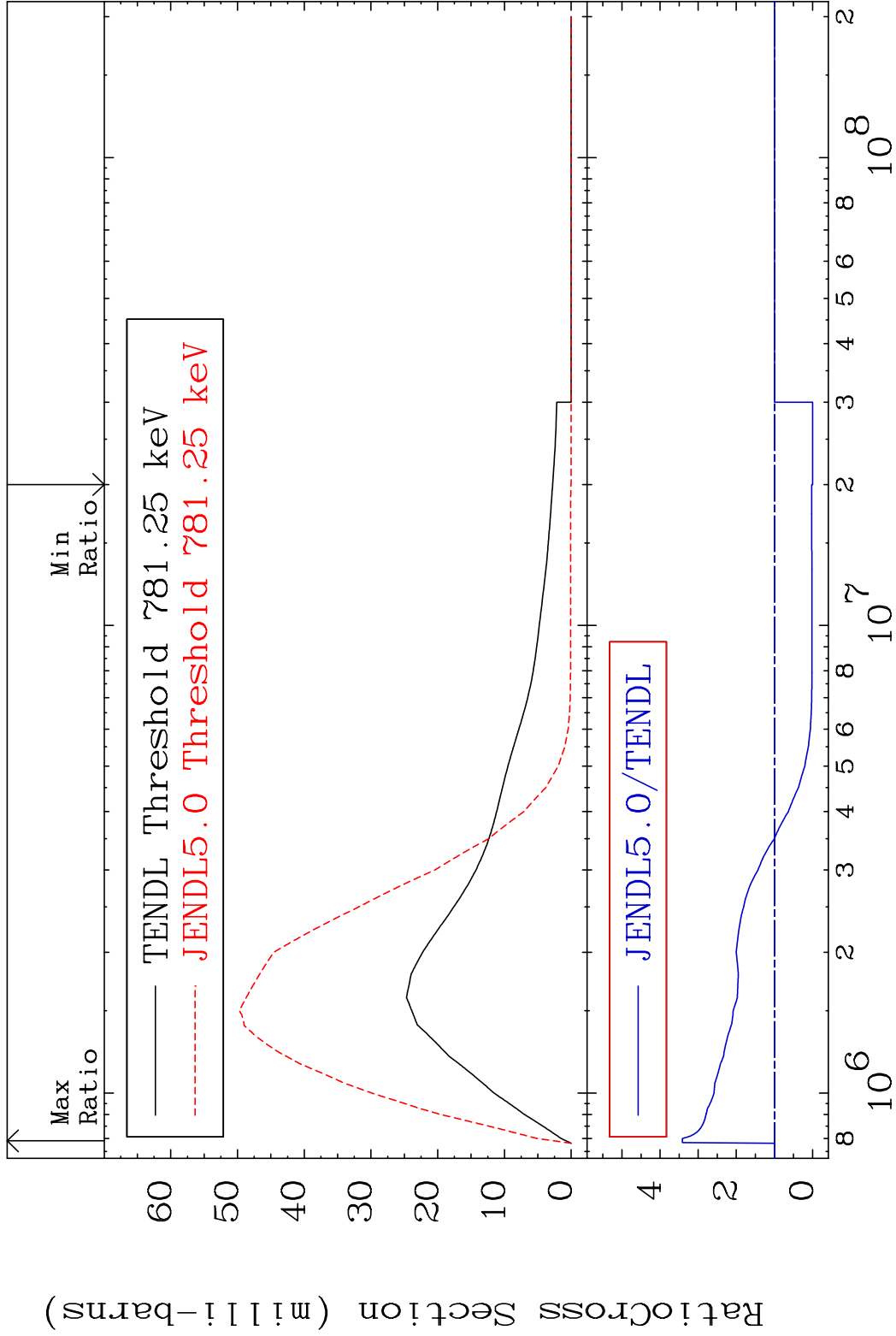


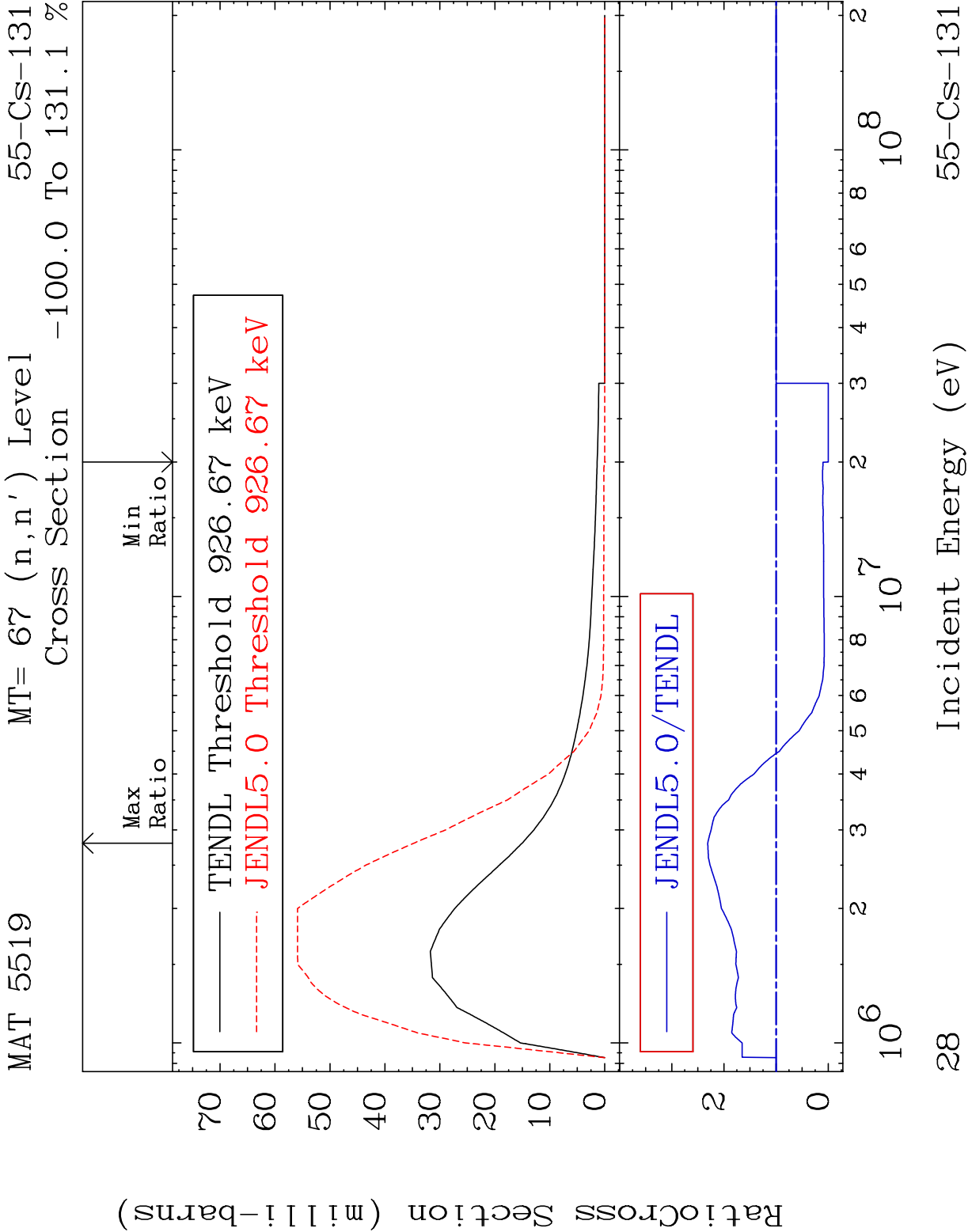
MAT 5519 MT= 65 (n,n') Level 55-Cs-131
Cross Section -100.0 To 153.9 %



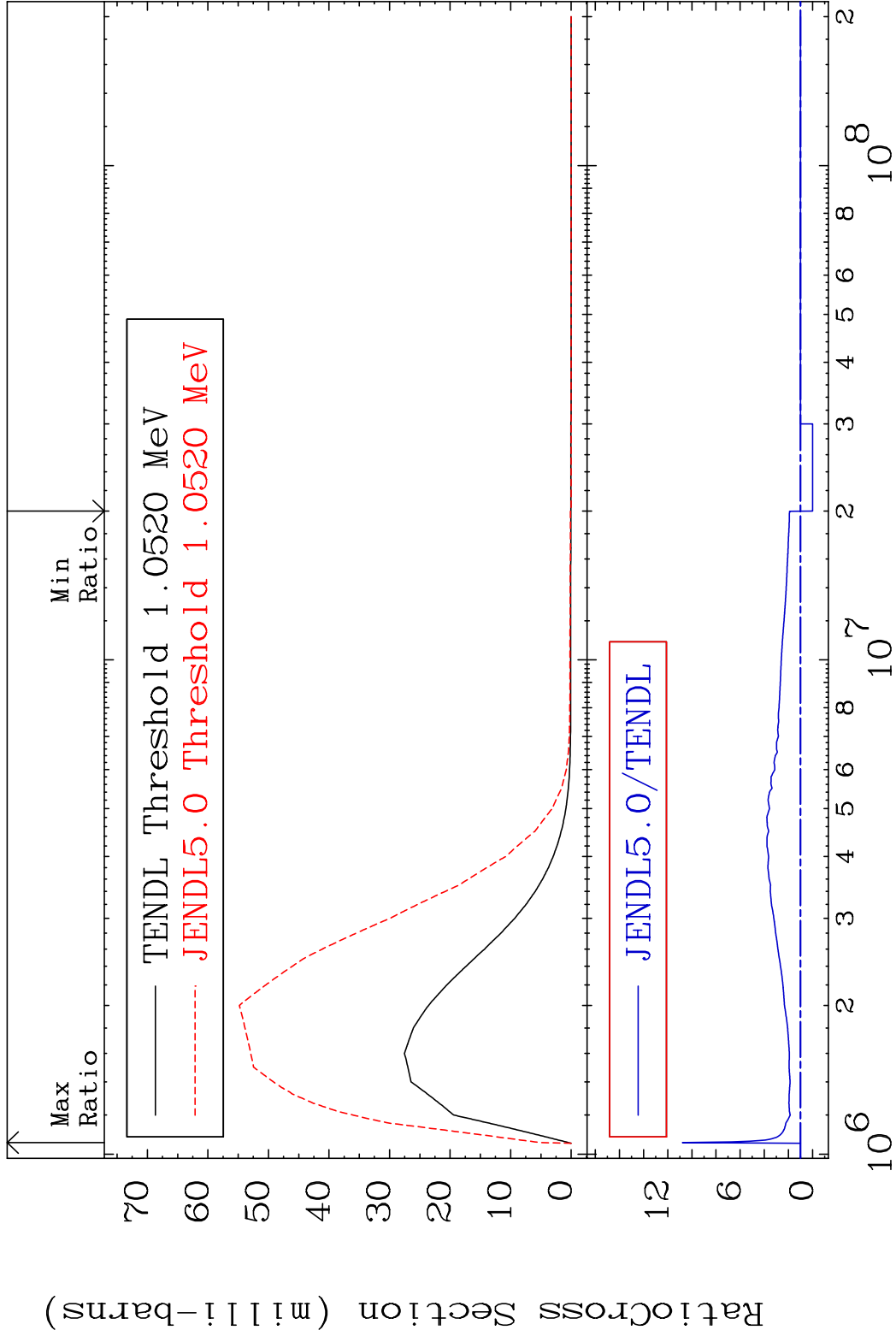
26 Incident Energy (eV) 55-Cs-131

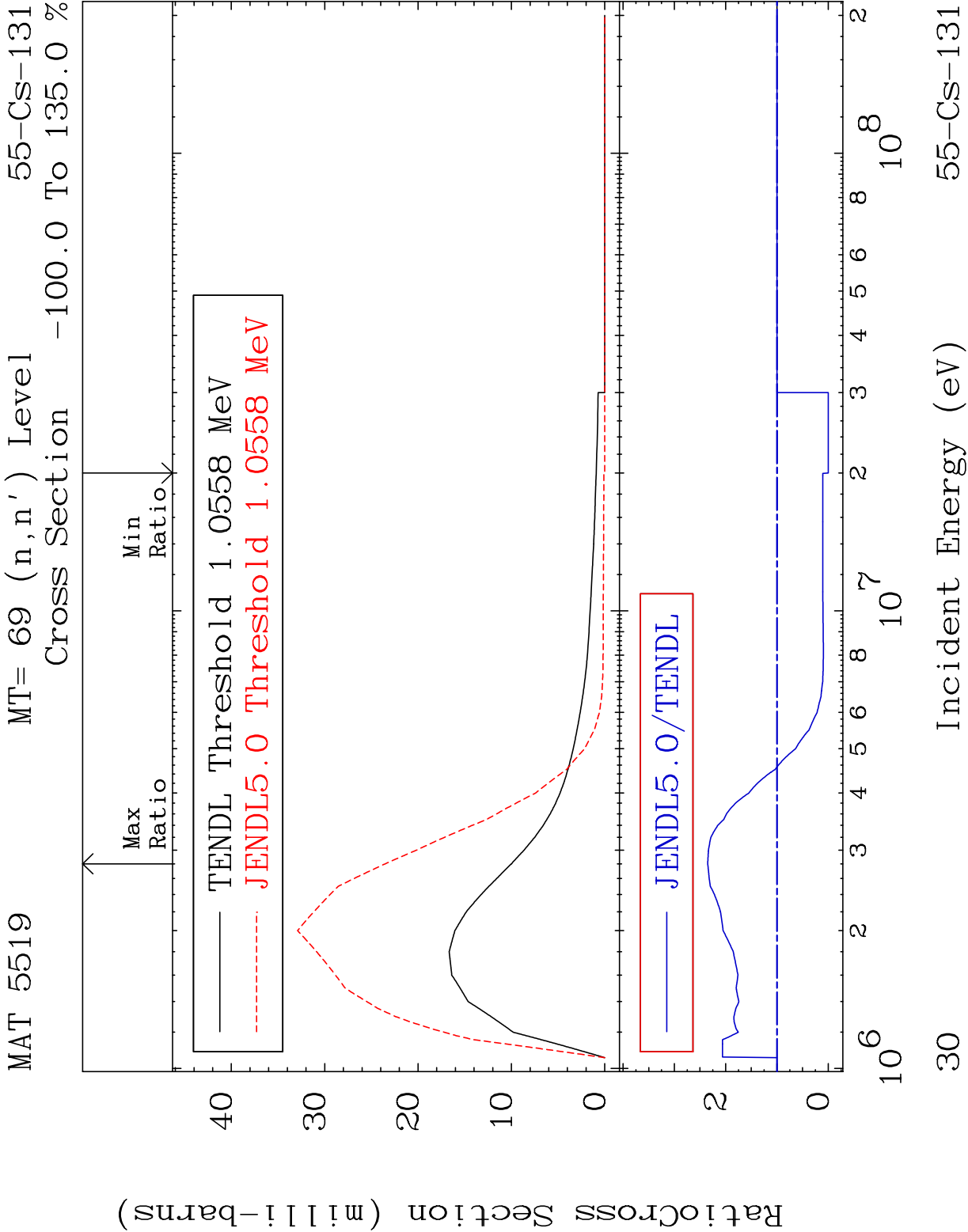
MAT 5519 MT= 66 (n,n') Level 55-Cs-131
Cross Section -100.0 To 241.5 %





MAT 5519 MT= 68 (n,n') Level 55-Cs-131
Cross Section -100.0 To 978.9 %





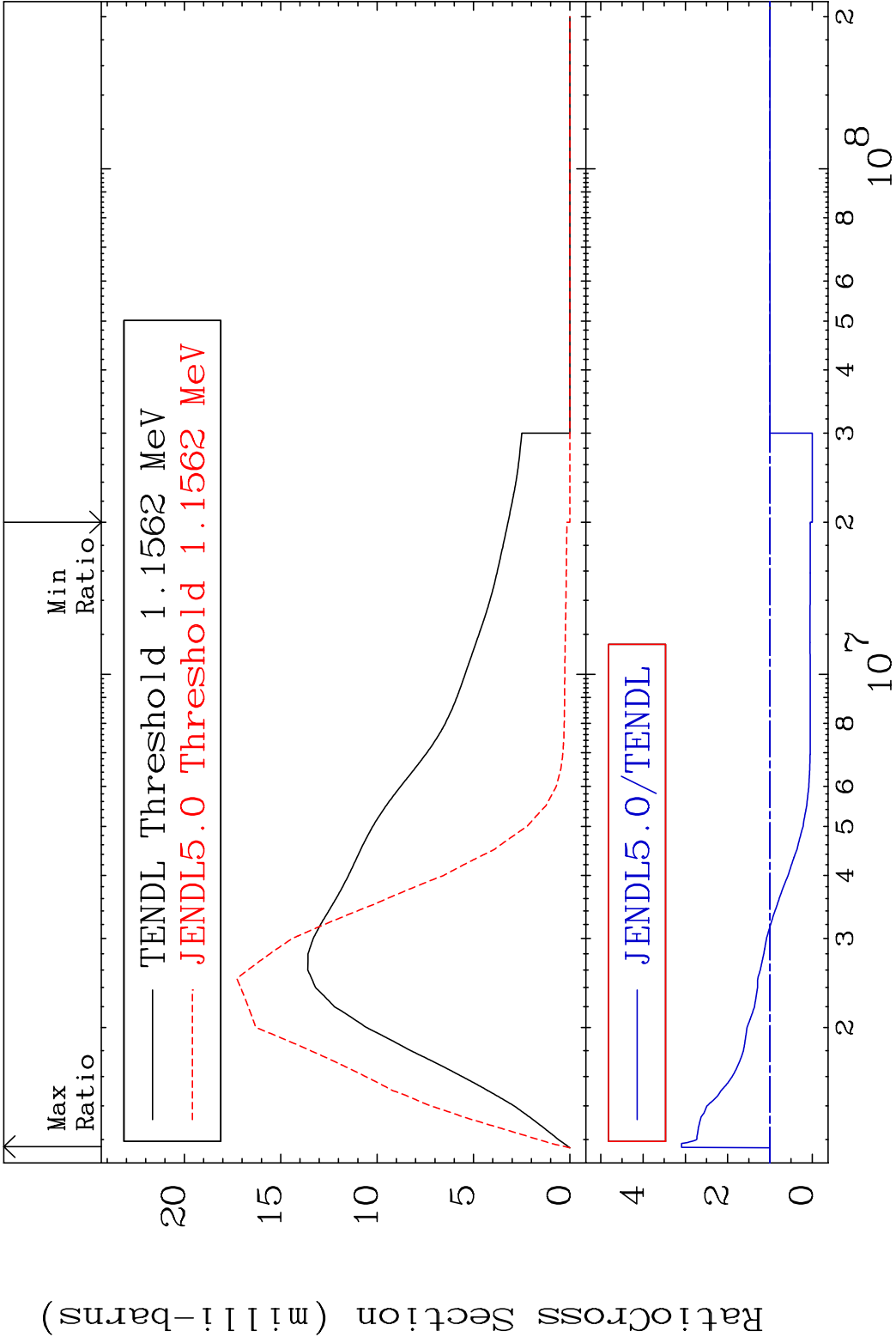
MAT 5519

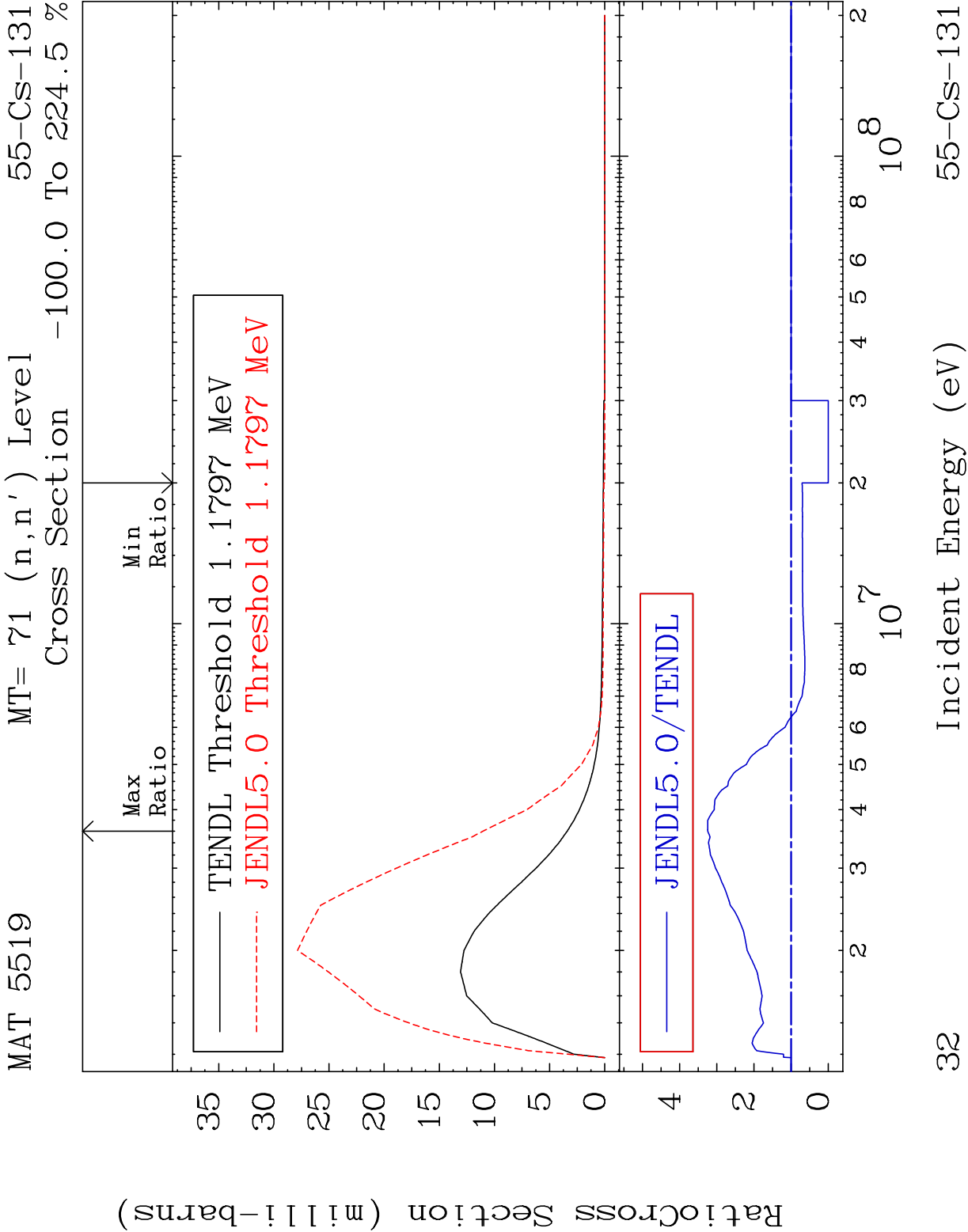
MT= 70 (n,n') Level

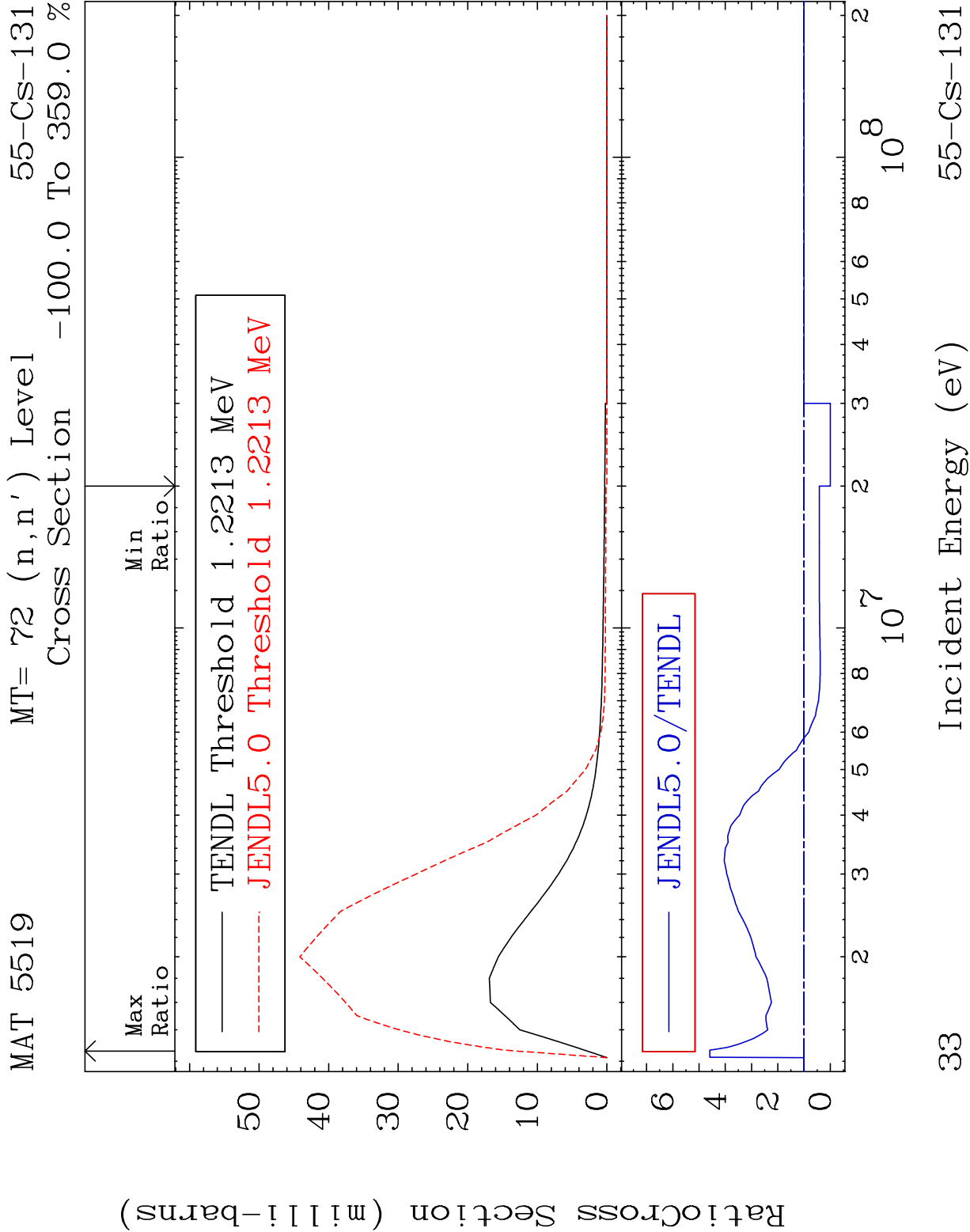
55-Cs-131

Cross Section

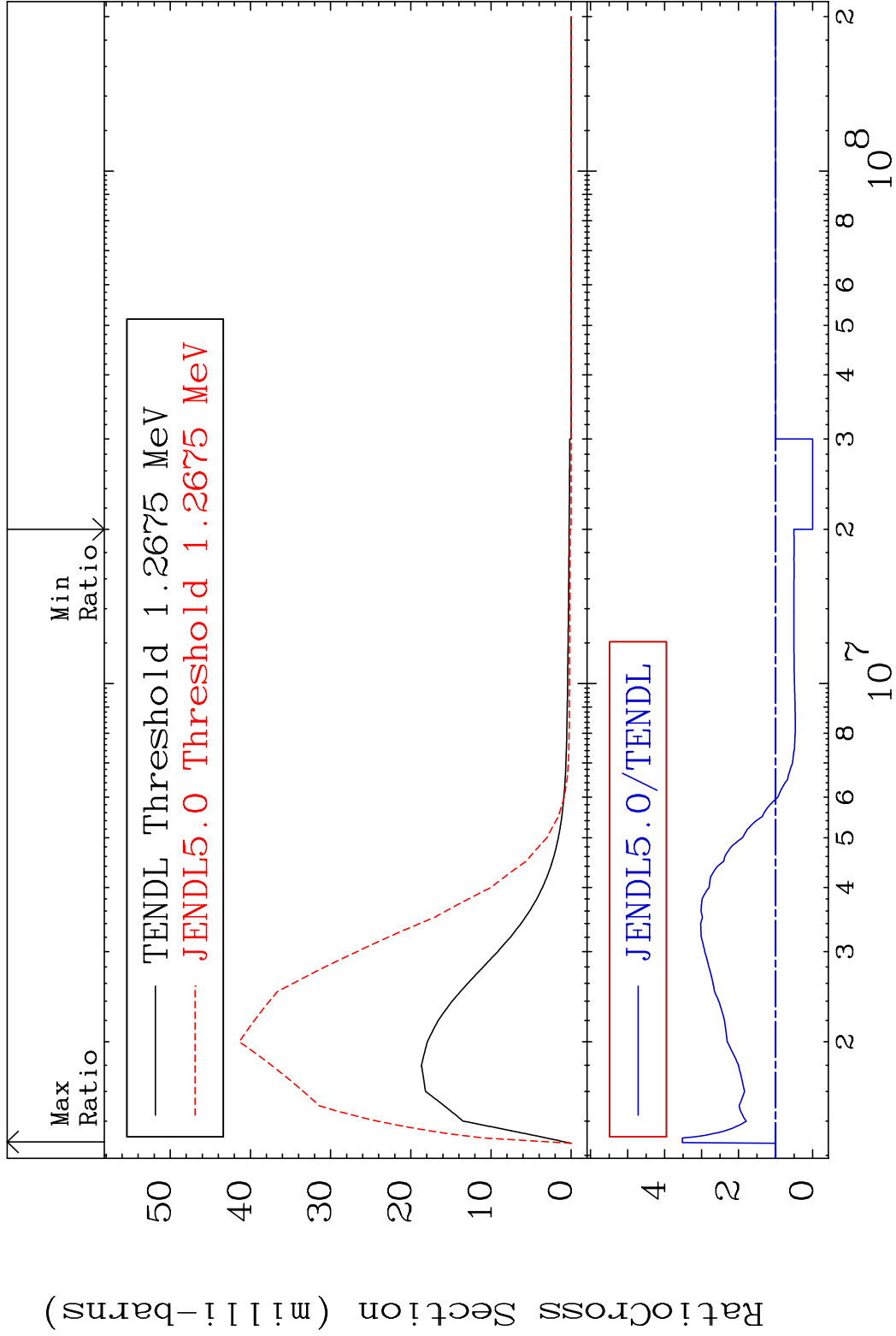
-100.0 To 209.2 %

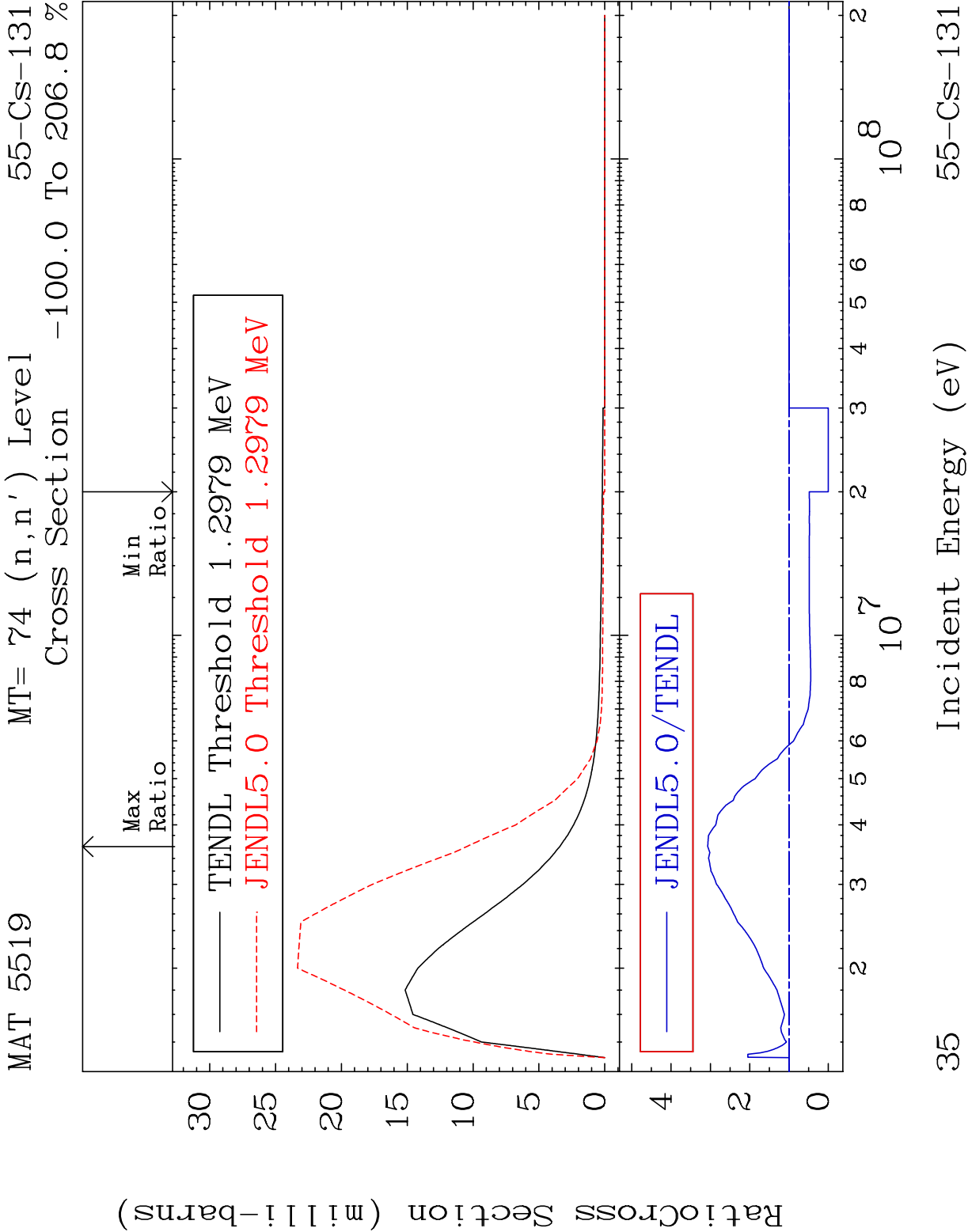






MAT 5519 MT= 73 (n,n') Level 55-Cs-131
 Cross Section -100.0 To 251.9 %





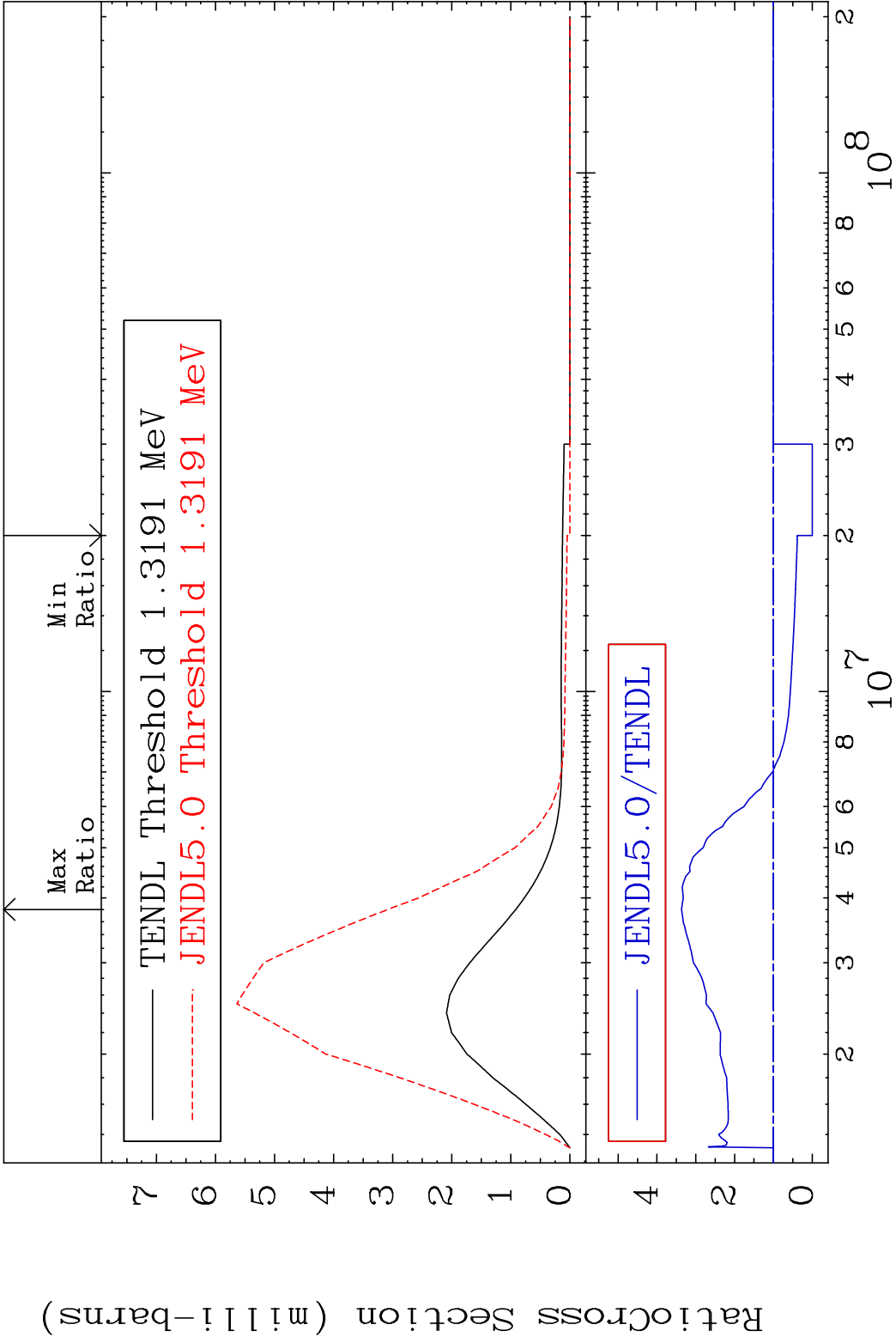
MAT 5519

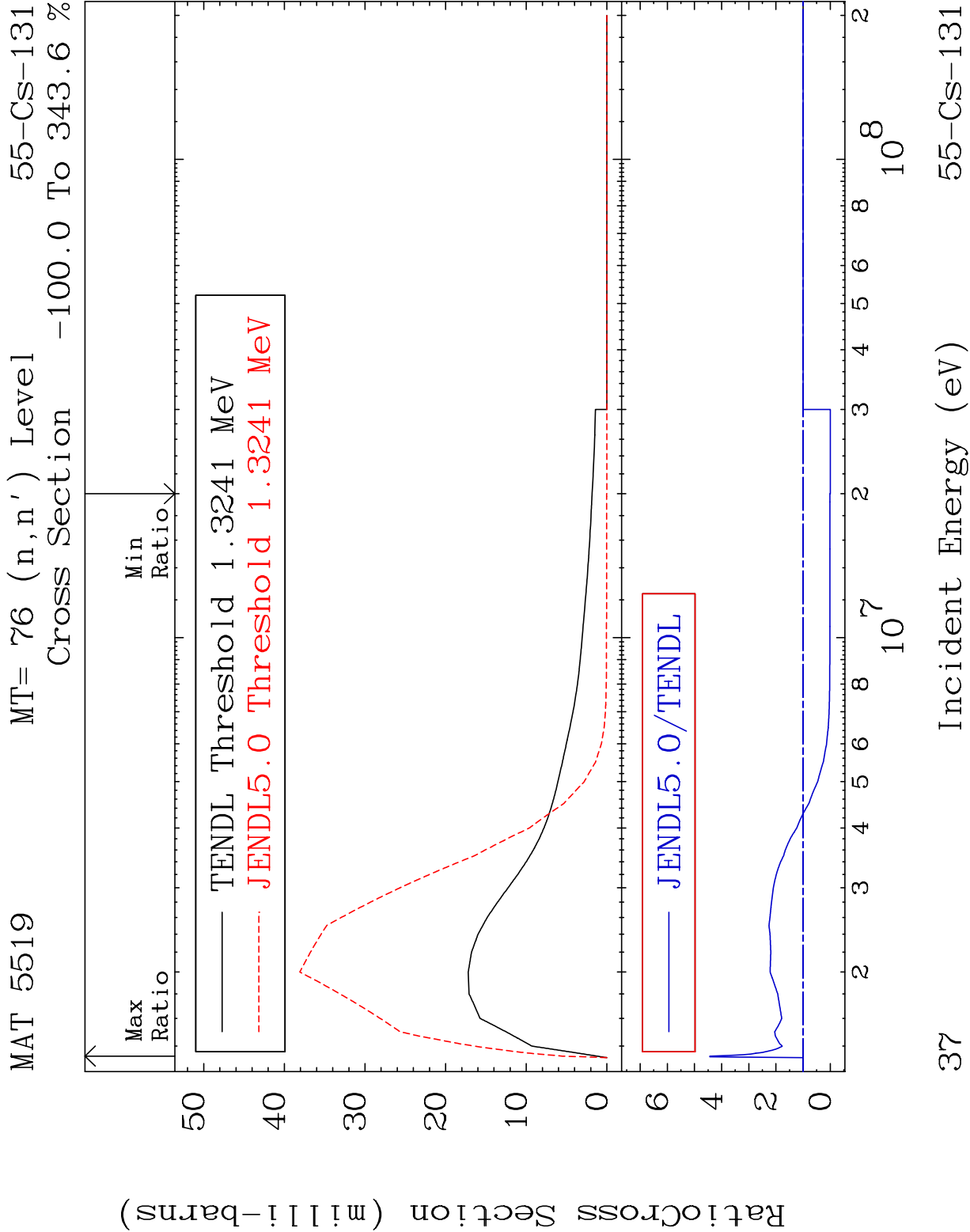
MT= 75 (n,n') Level

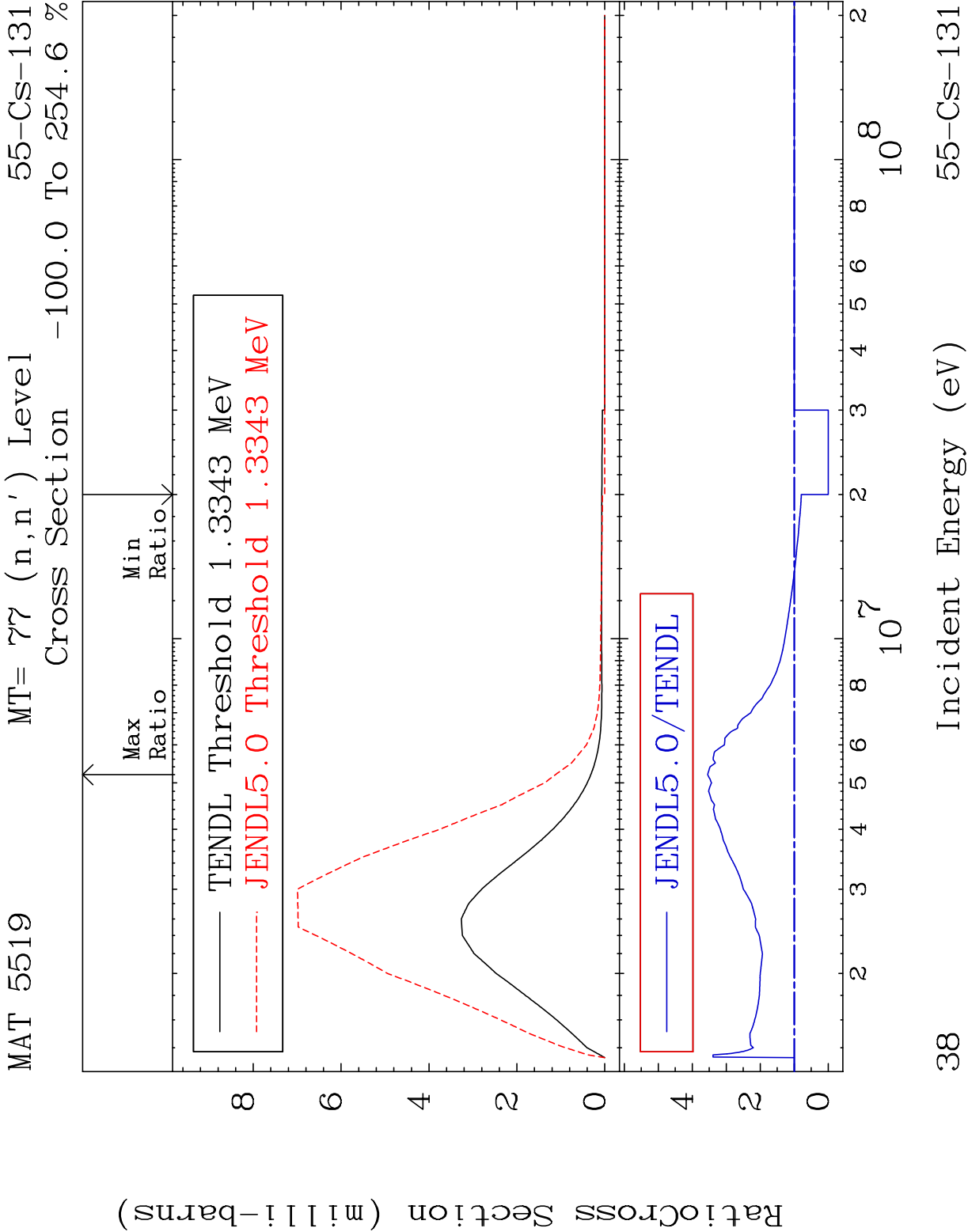
55-Cs-131

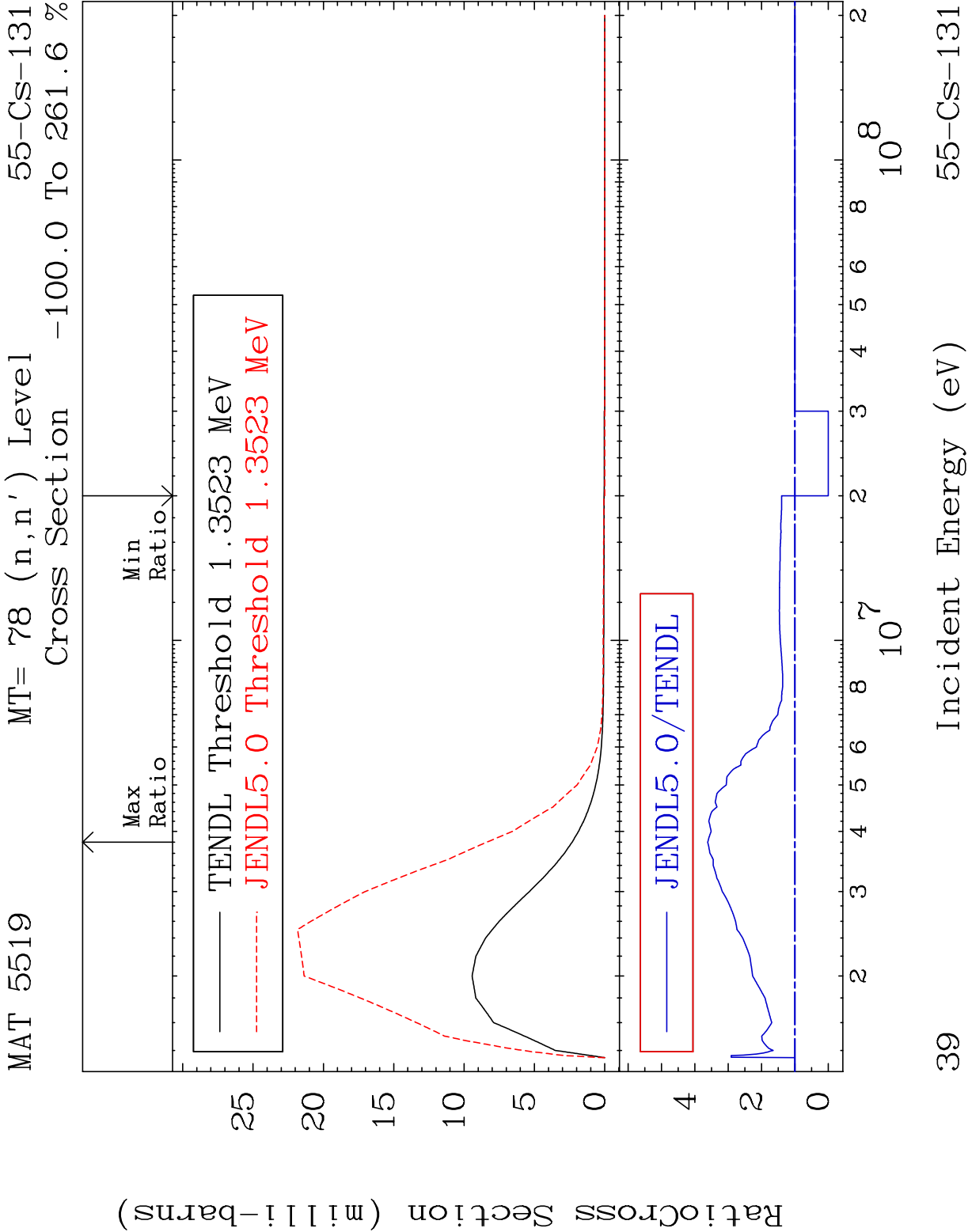
Cross Section

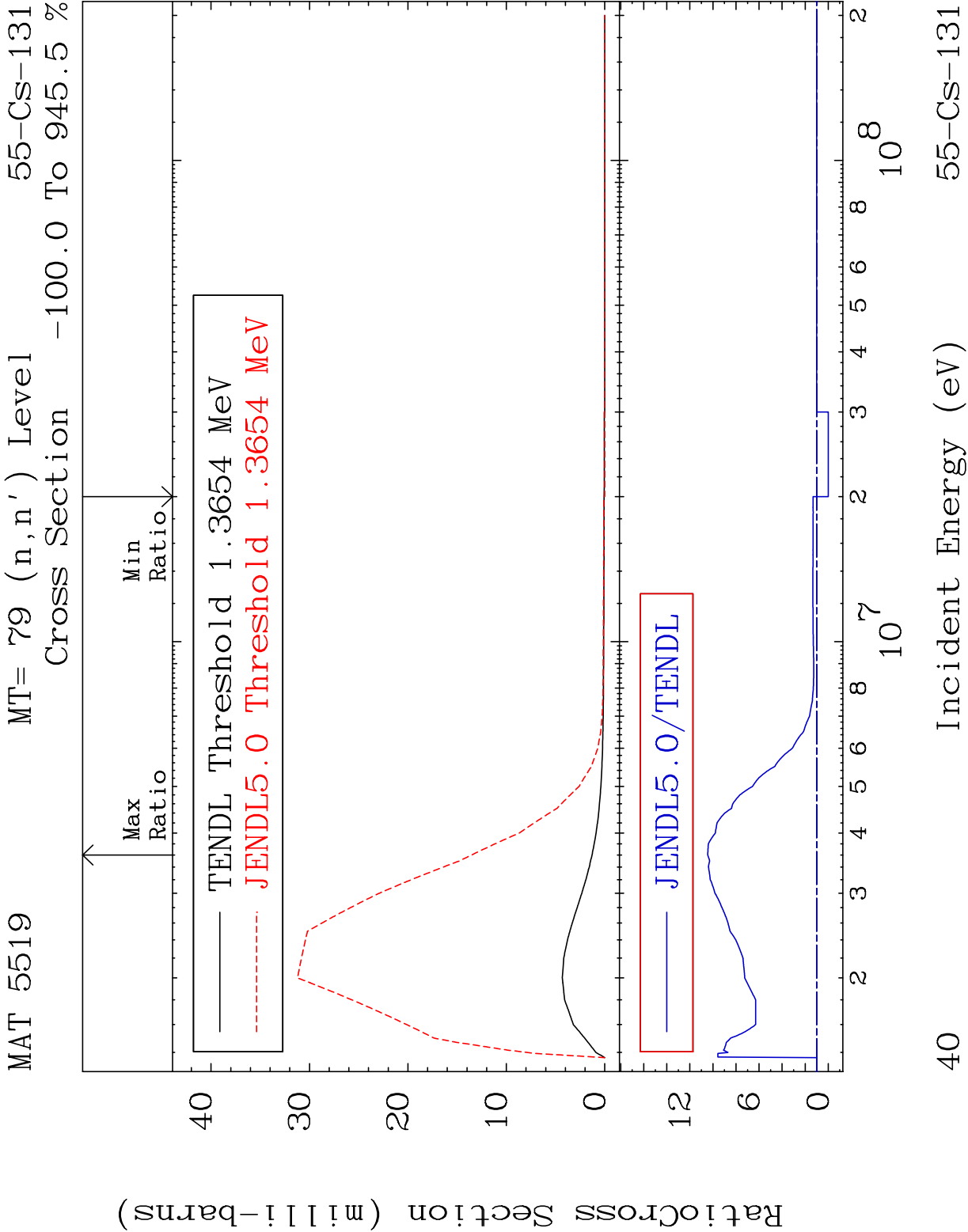
-100.0 To 236.6 %

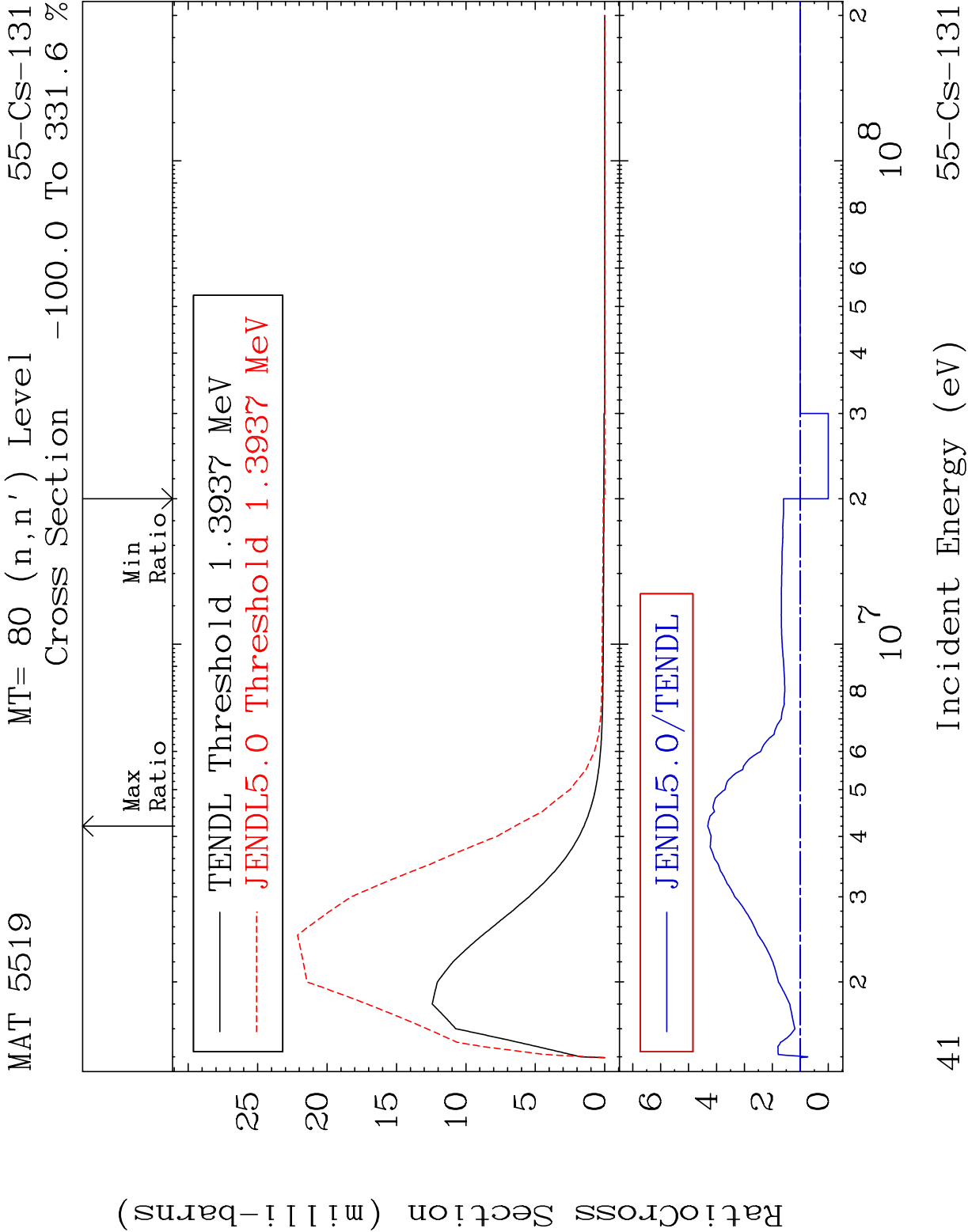


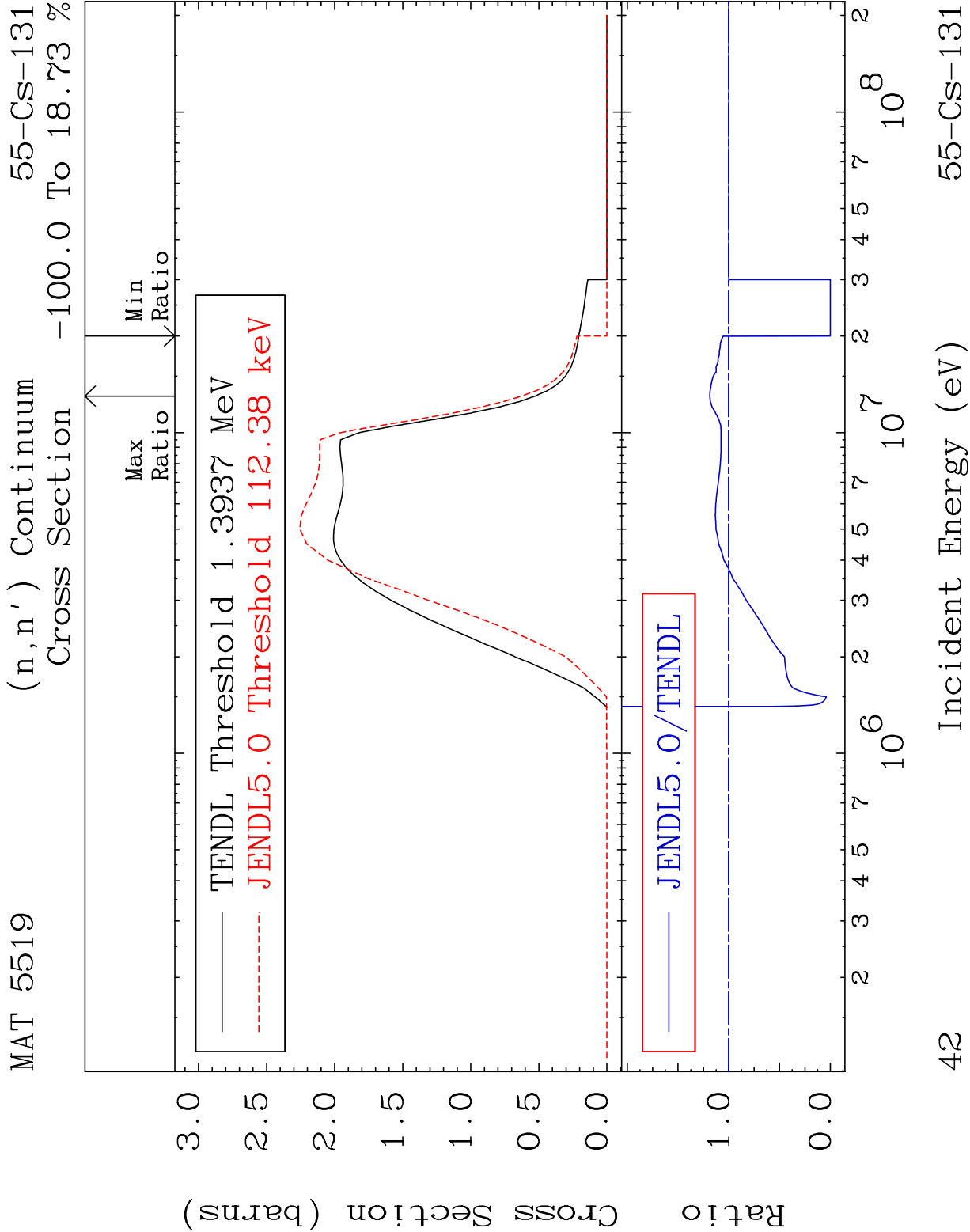


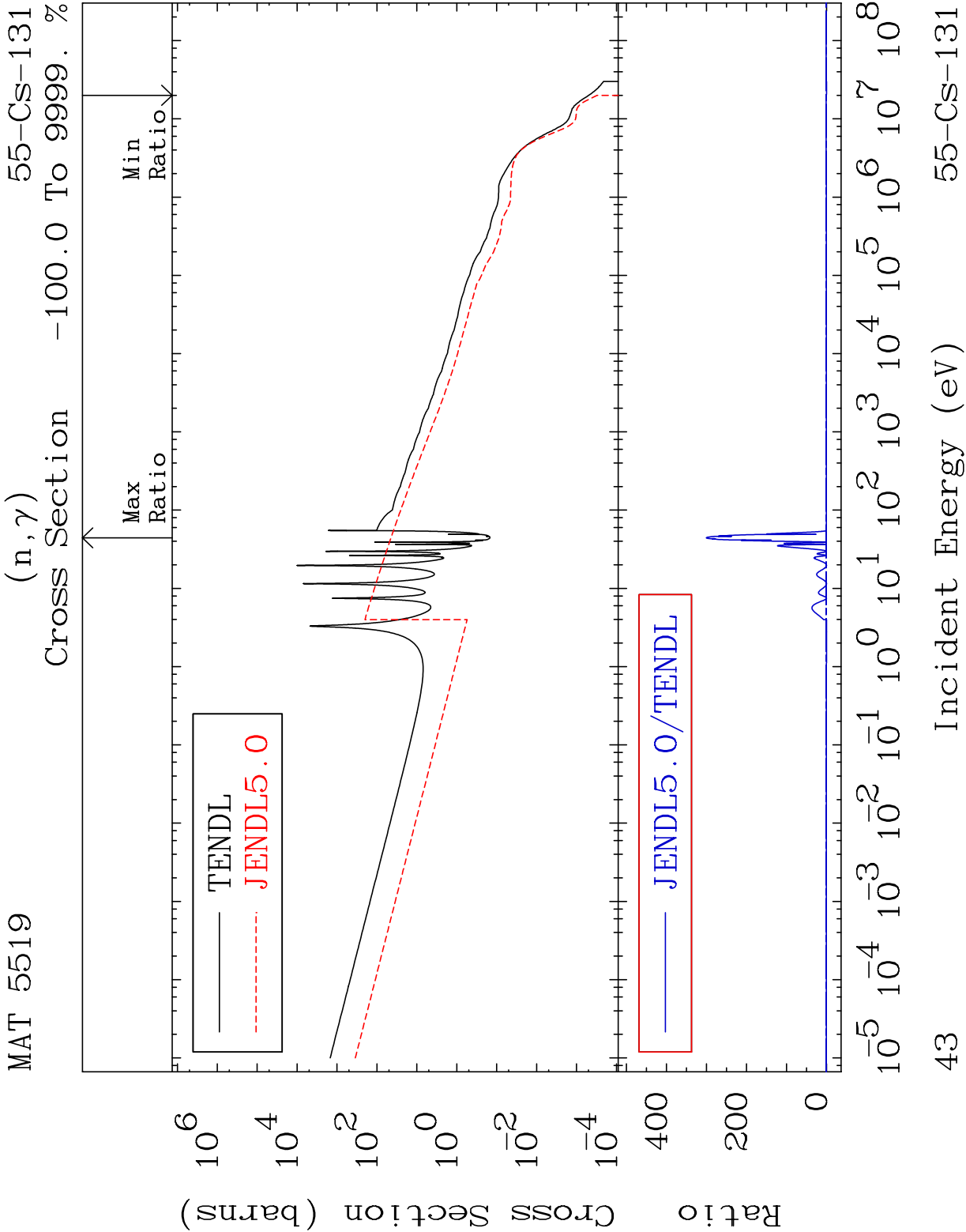


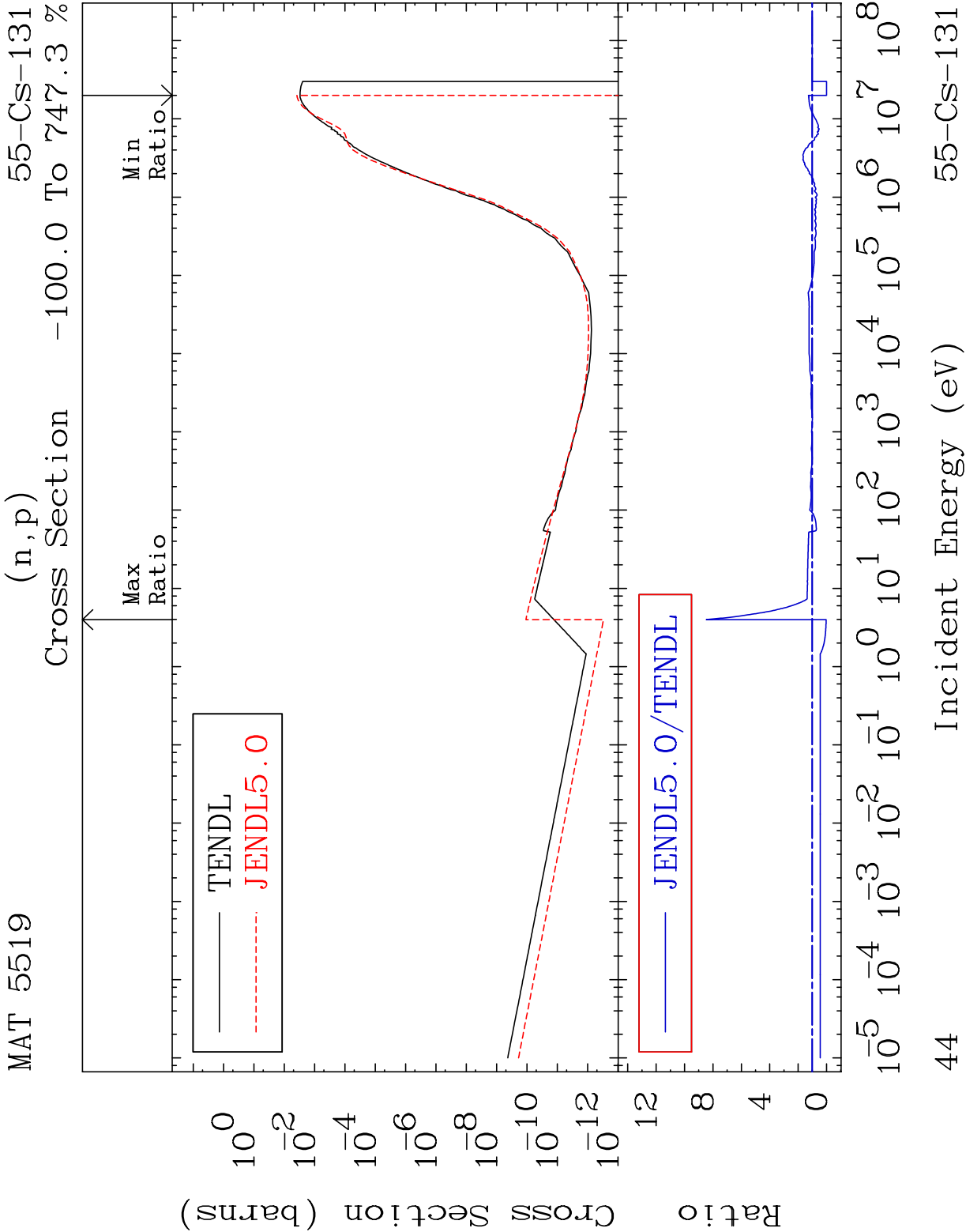


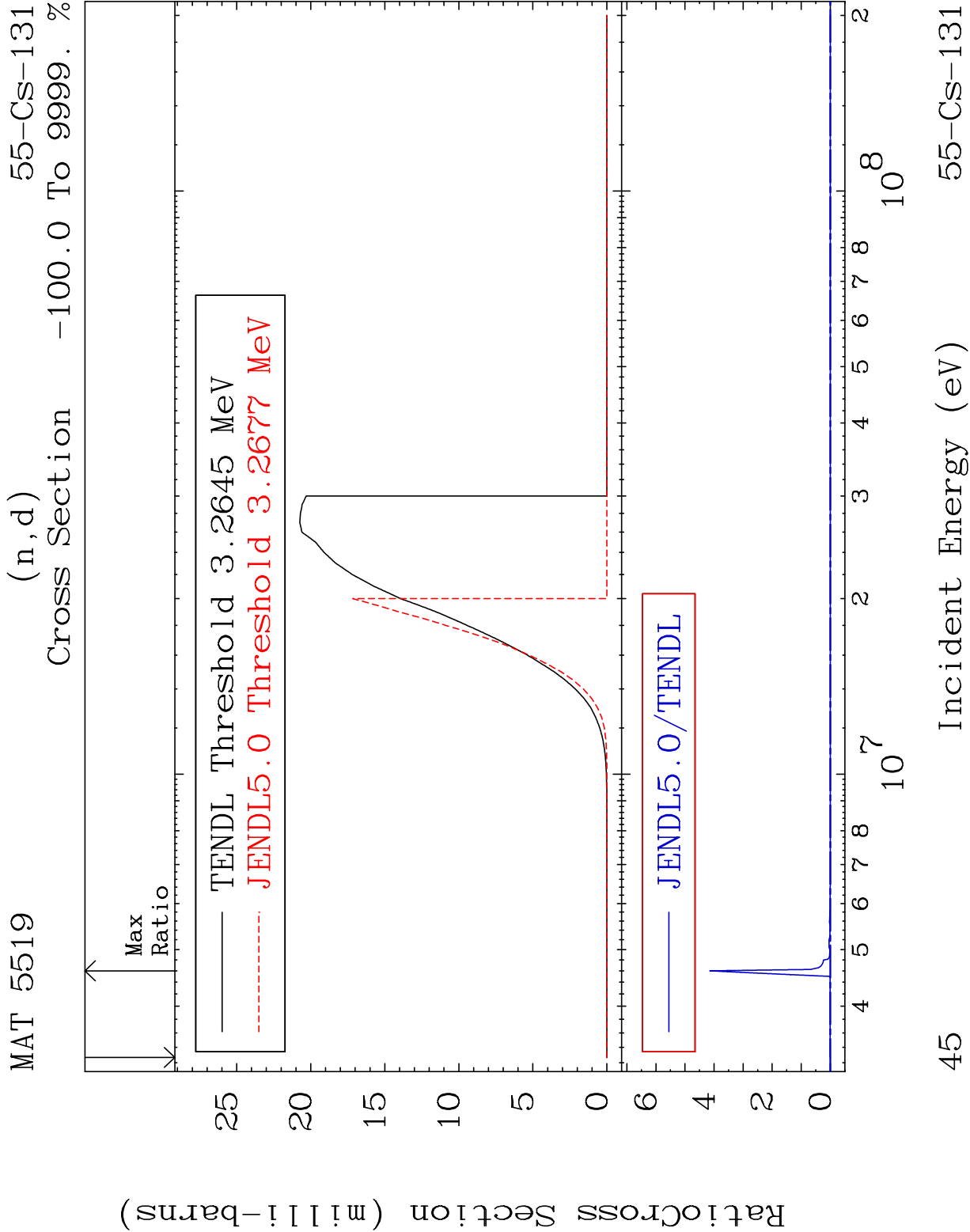


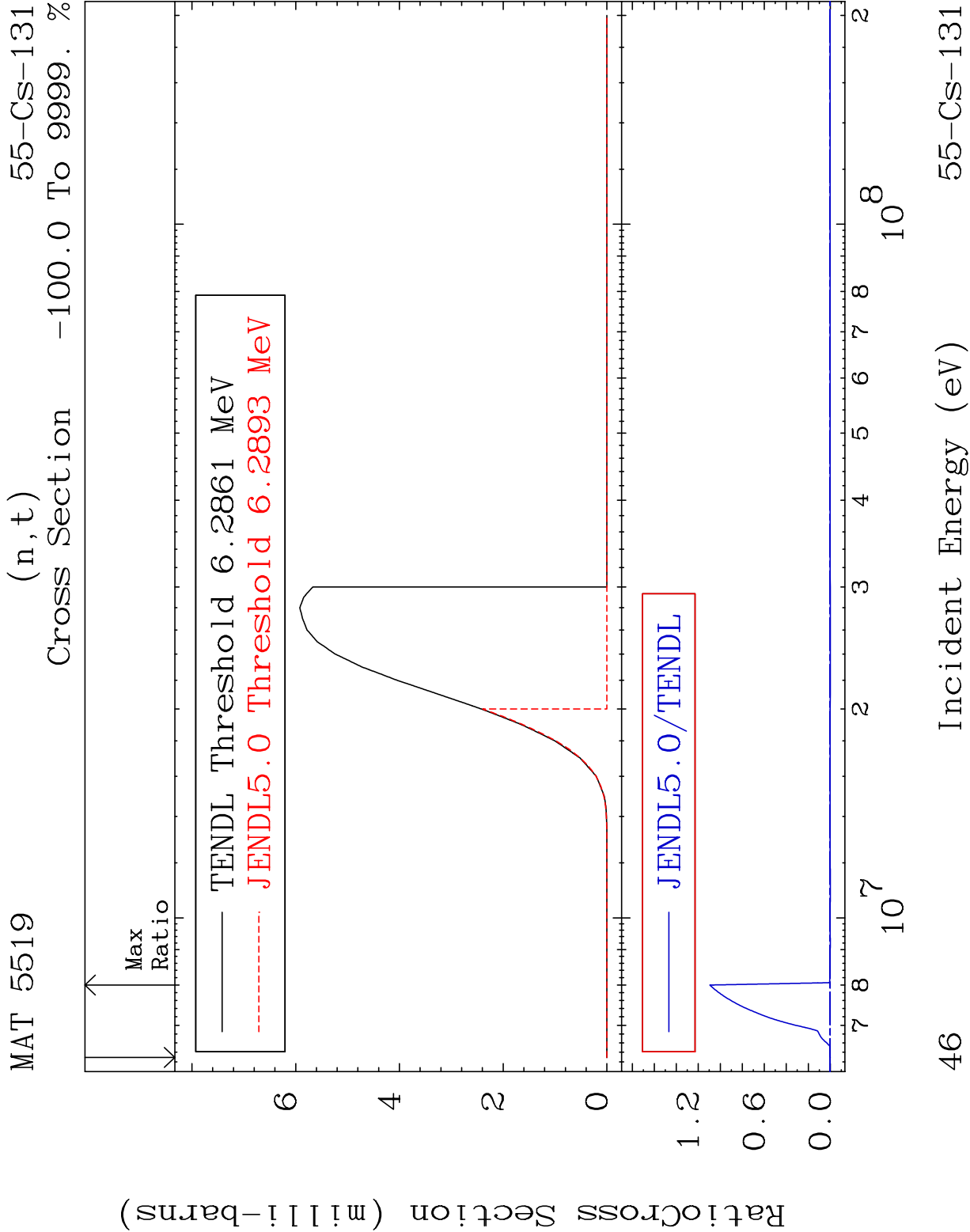


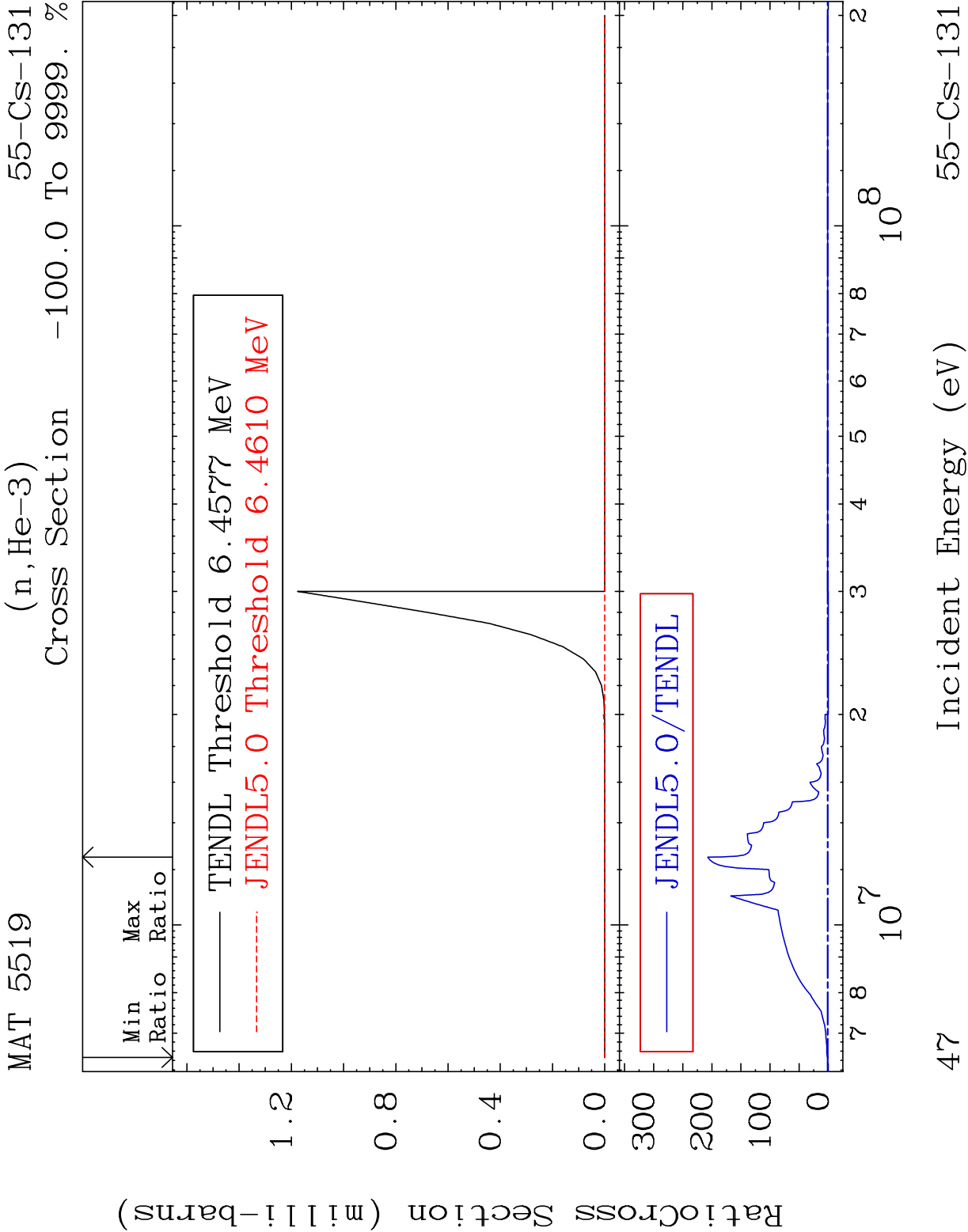


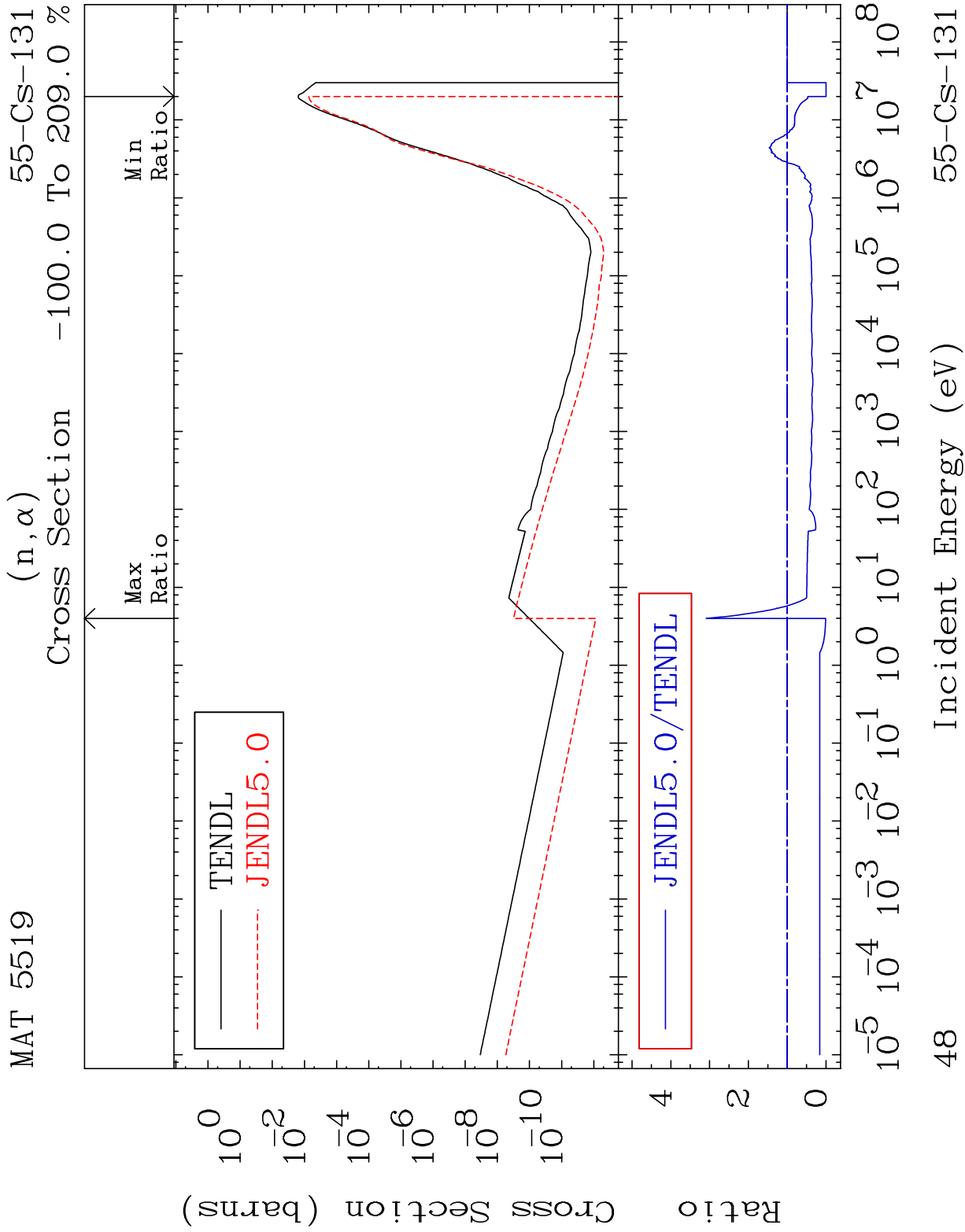


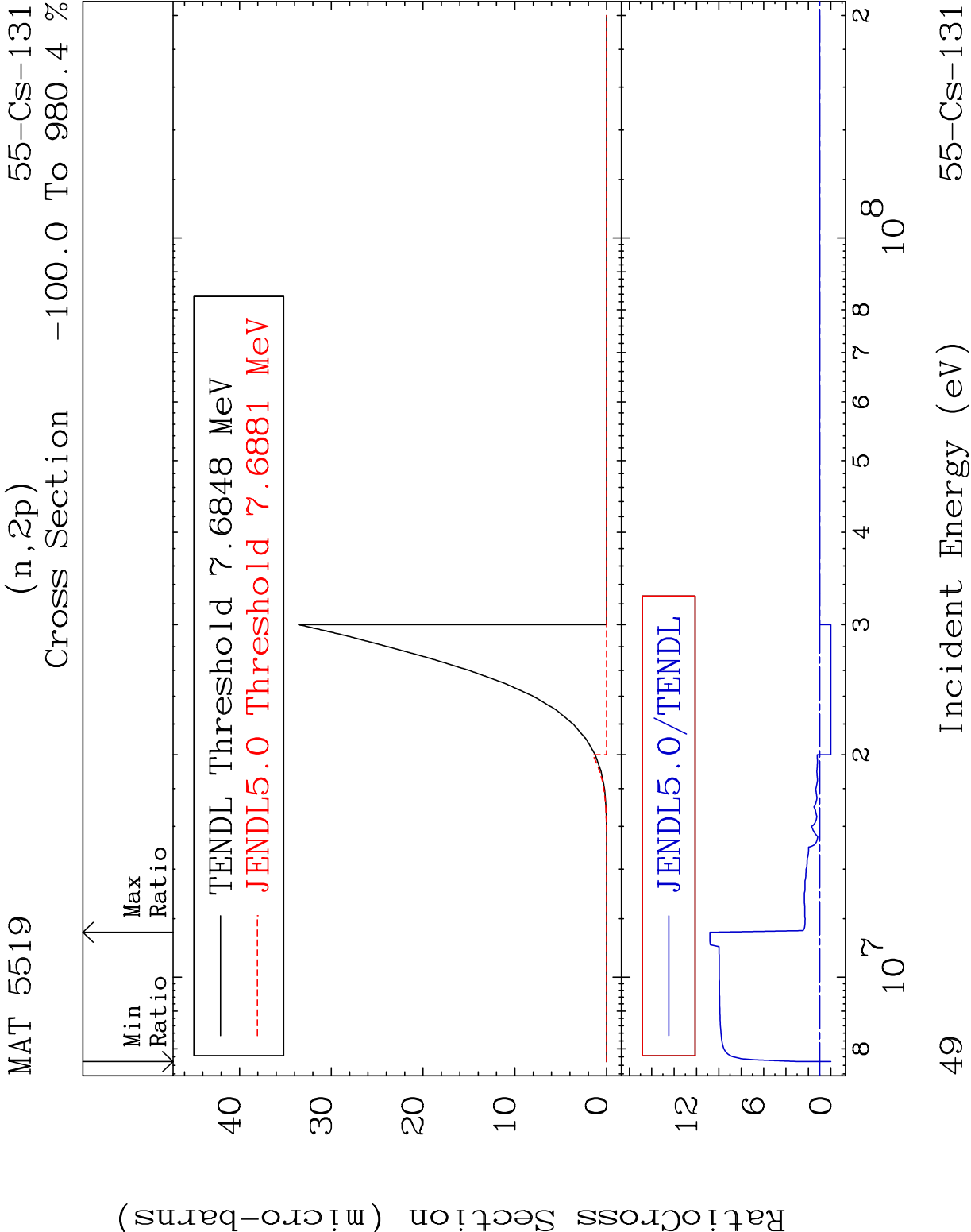




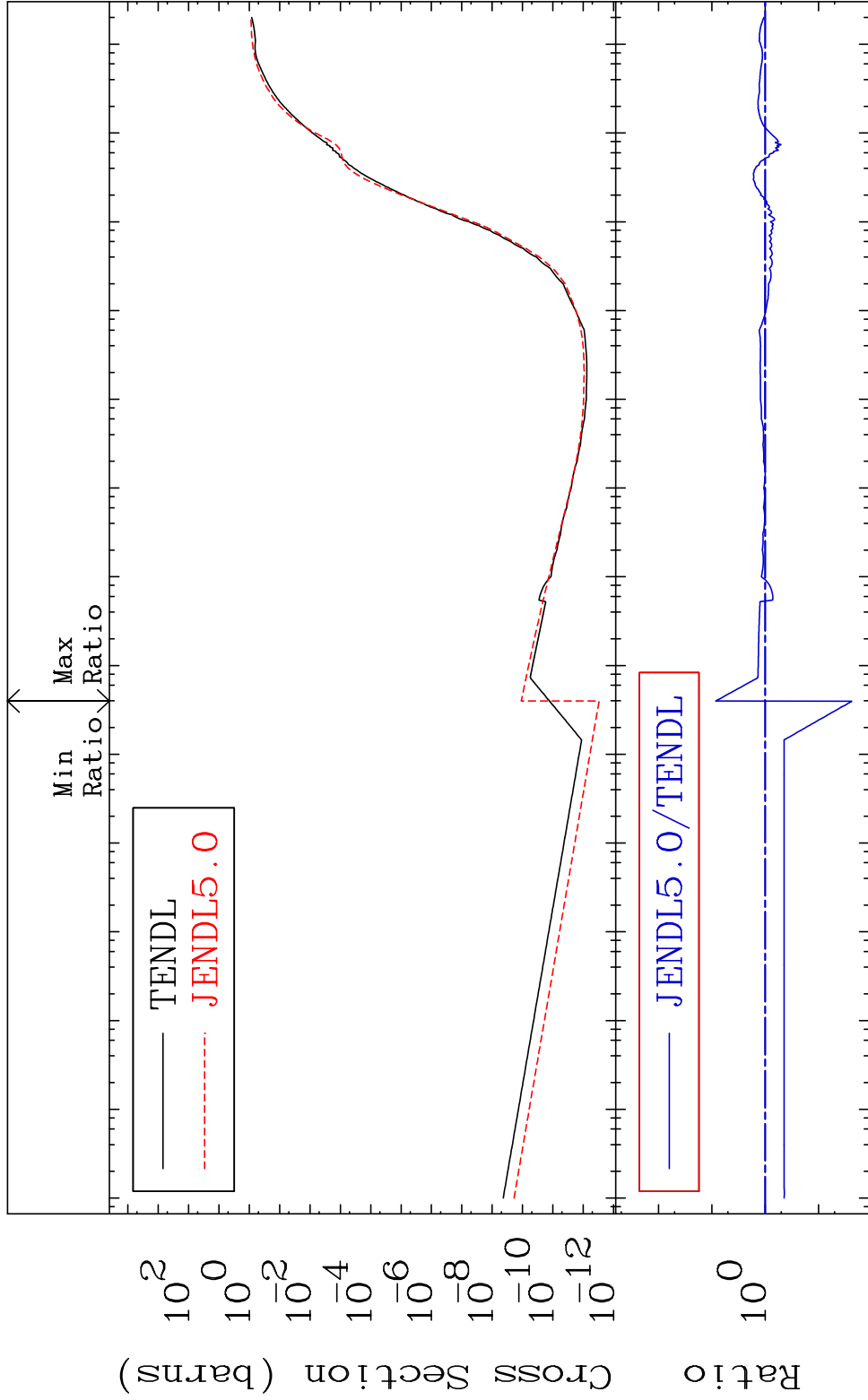




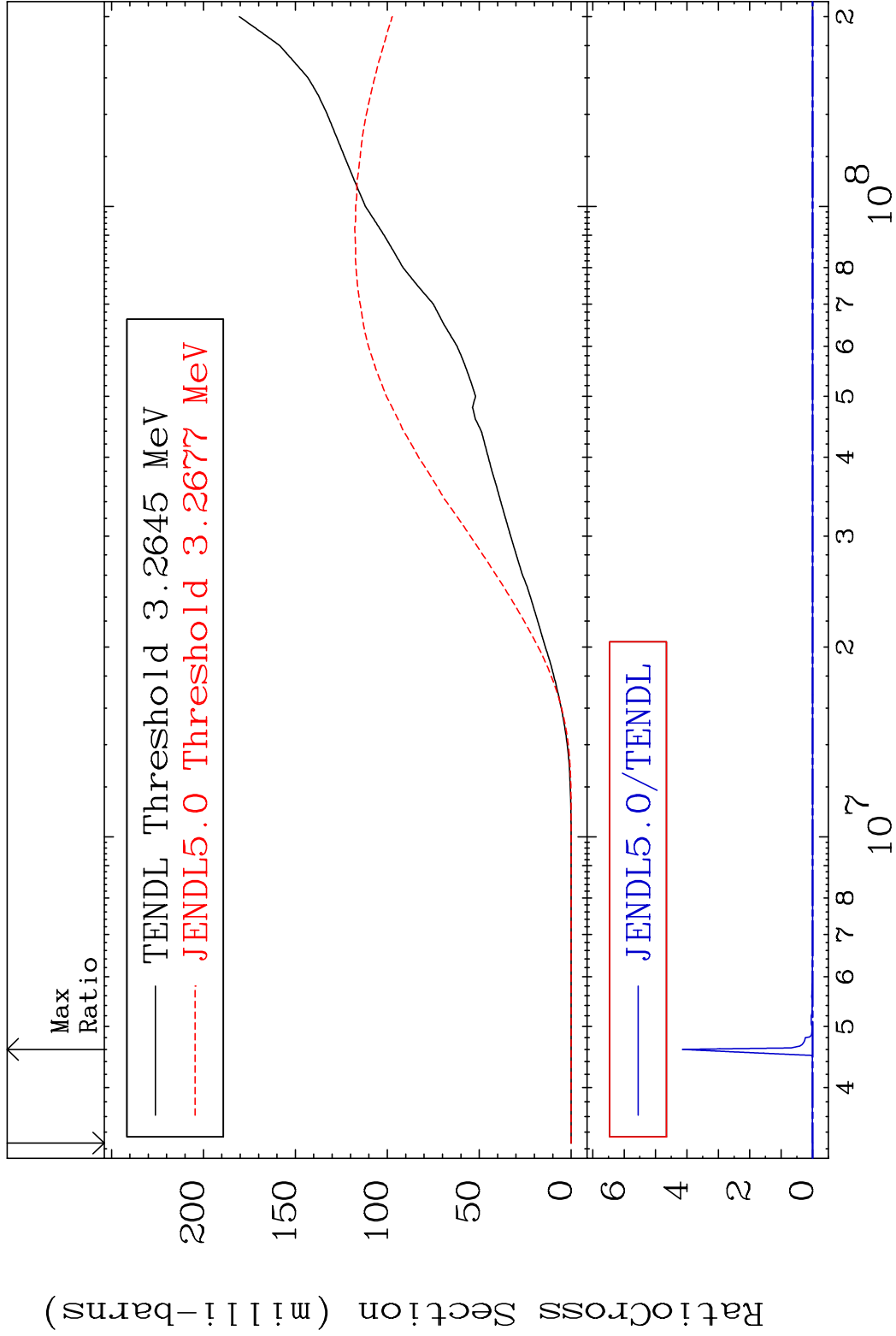


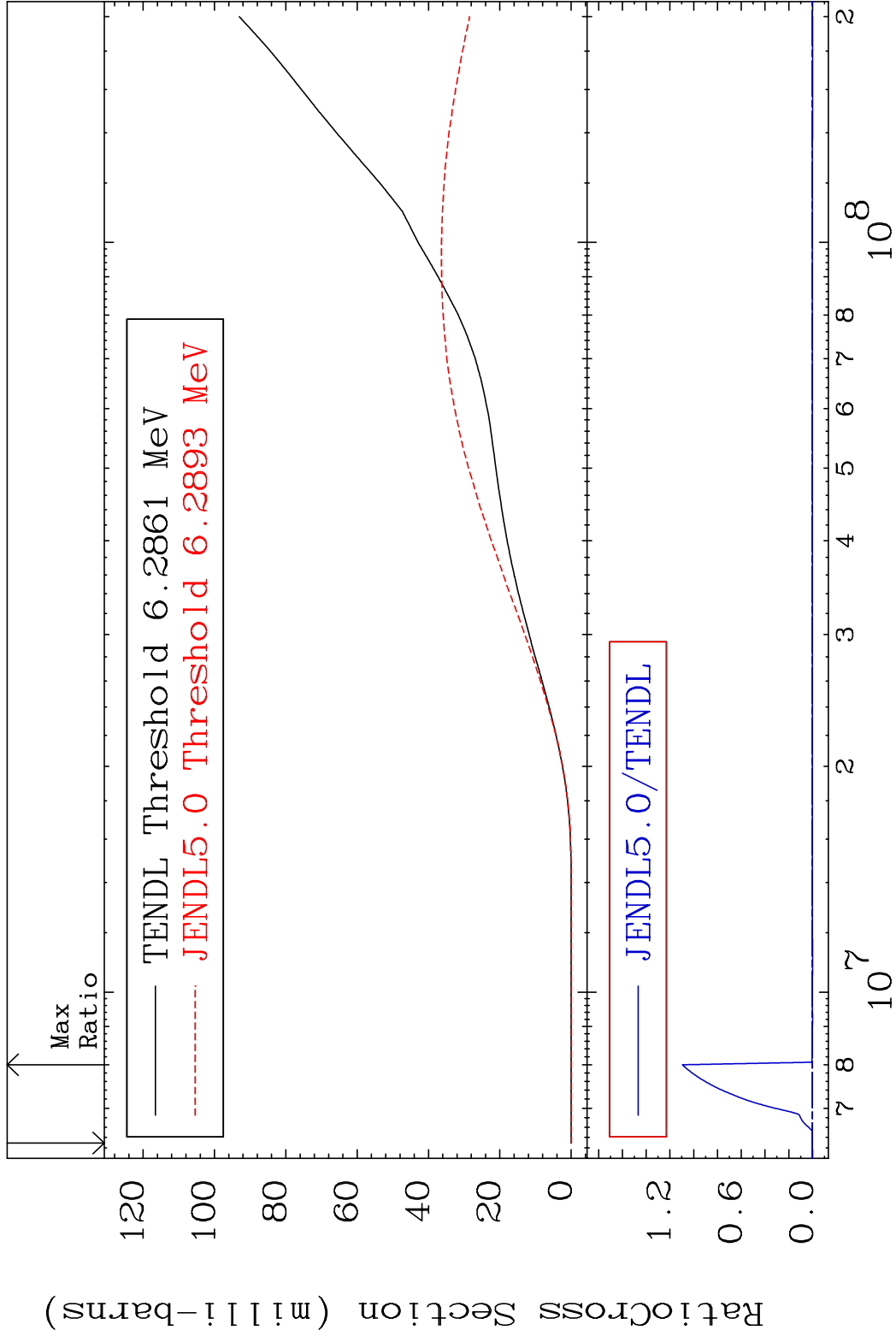


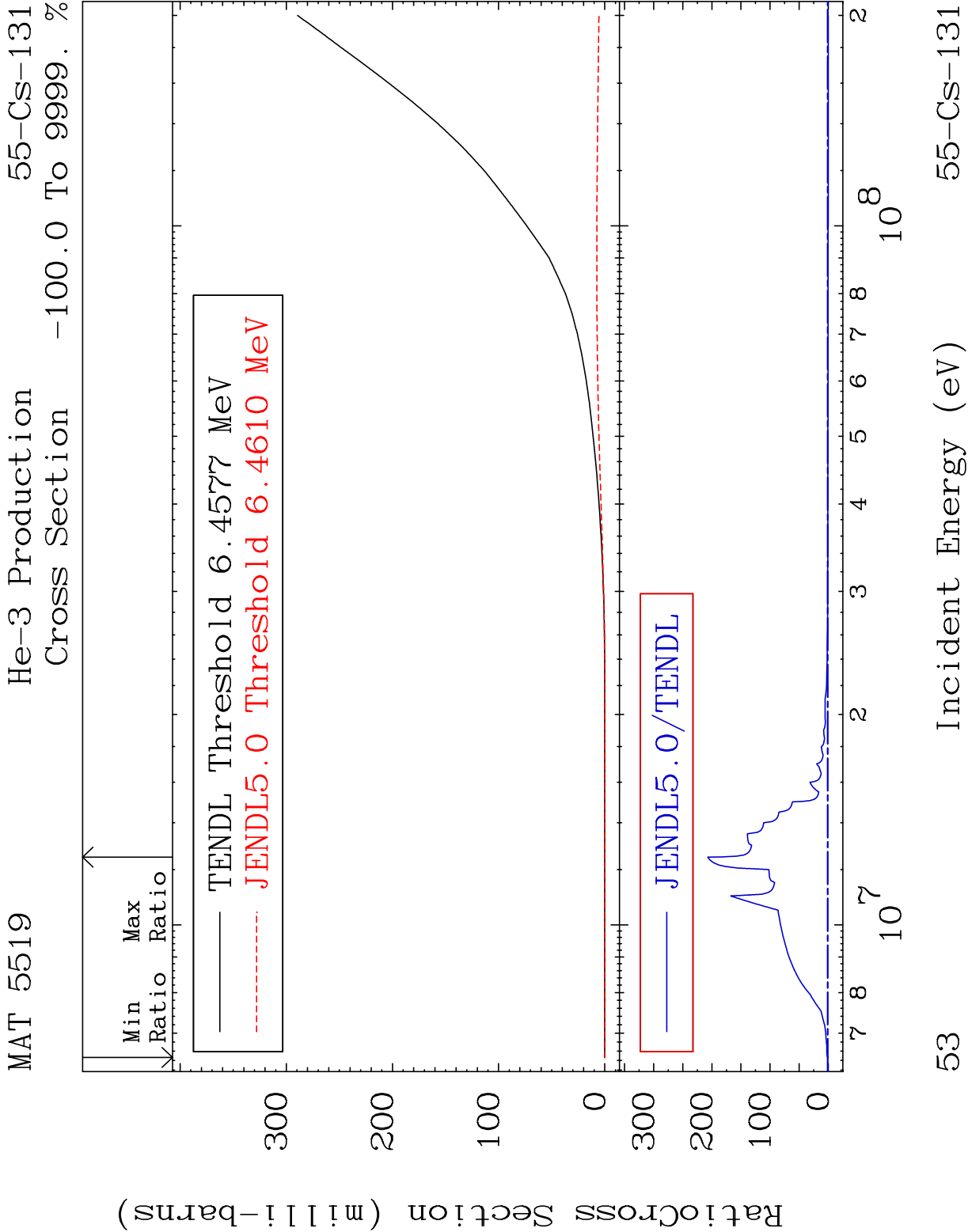
MAT 5519 Hydrogen Production 55-Cs-131
Cross Section -97.67 To 747.3 %

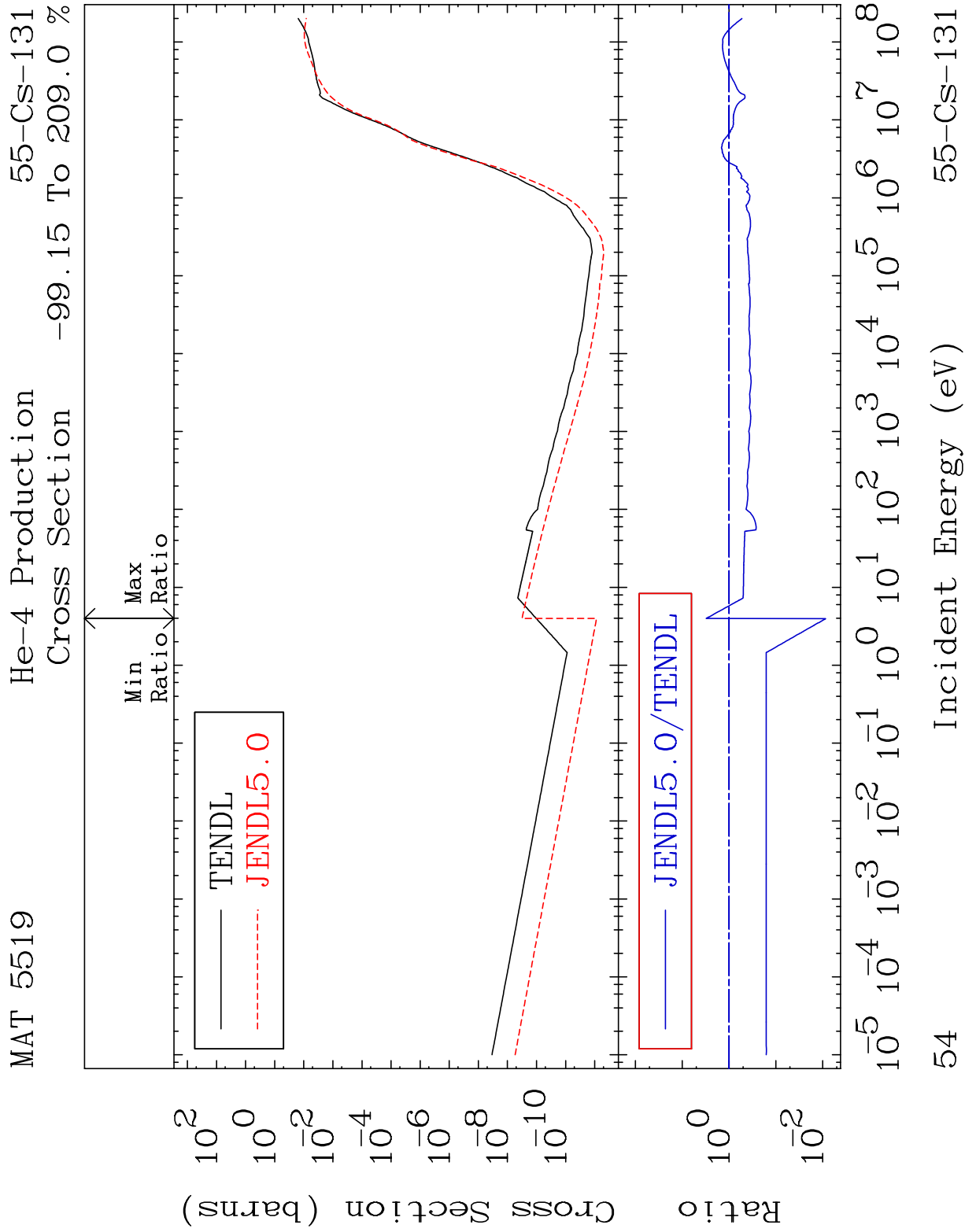


50 Incident Energy (eV) 55-Cs-131

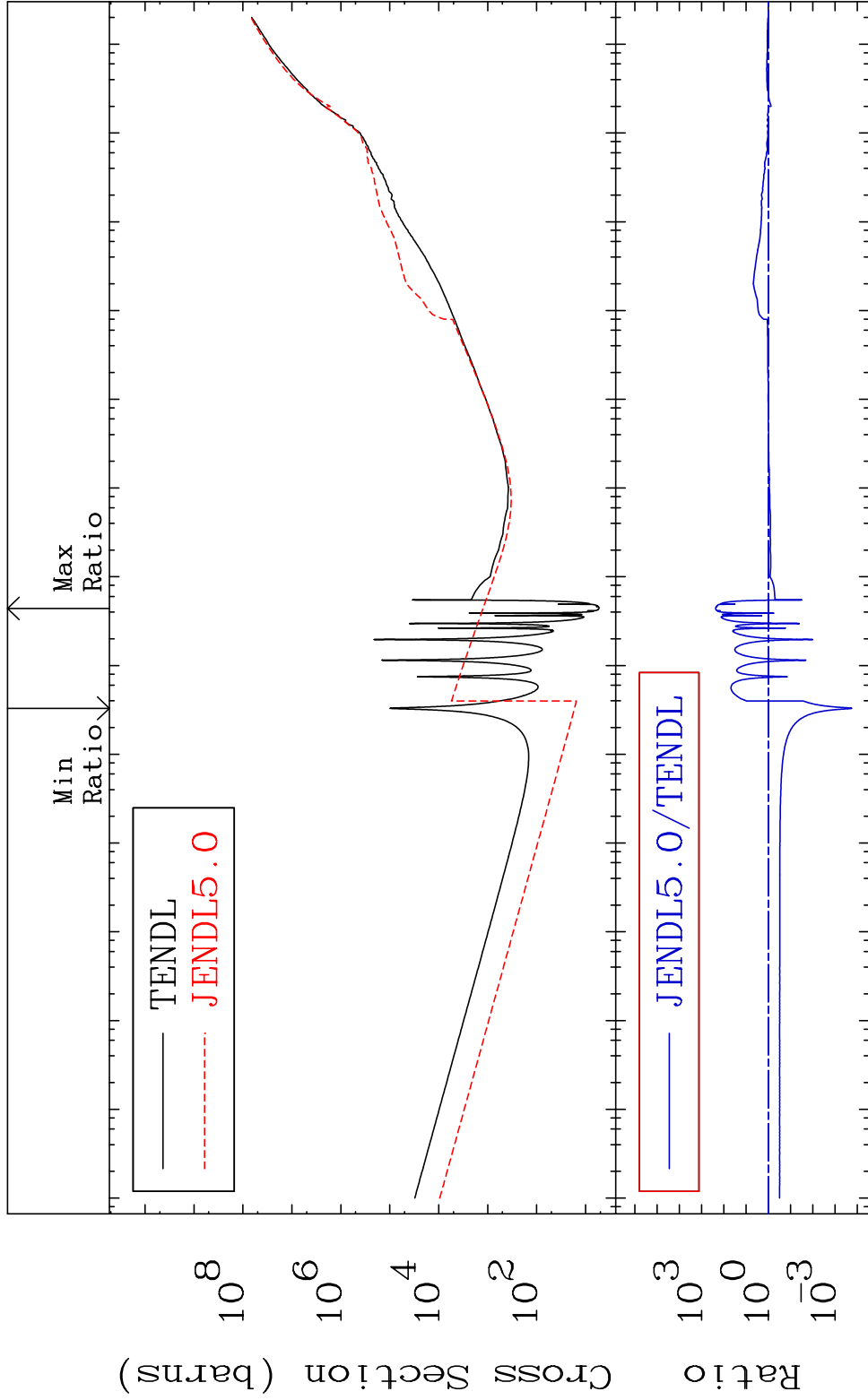


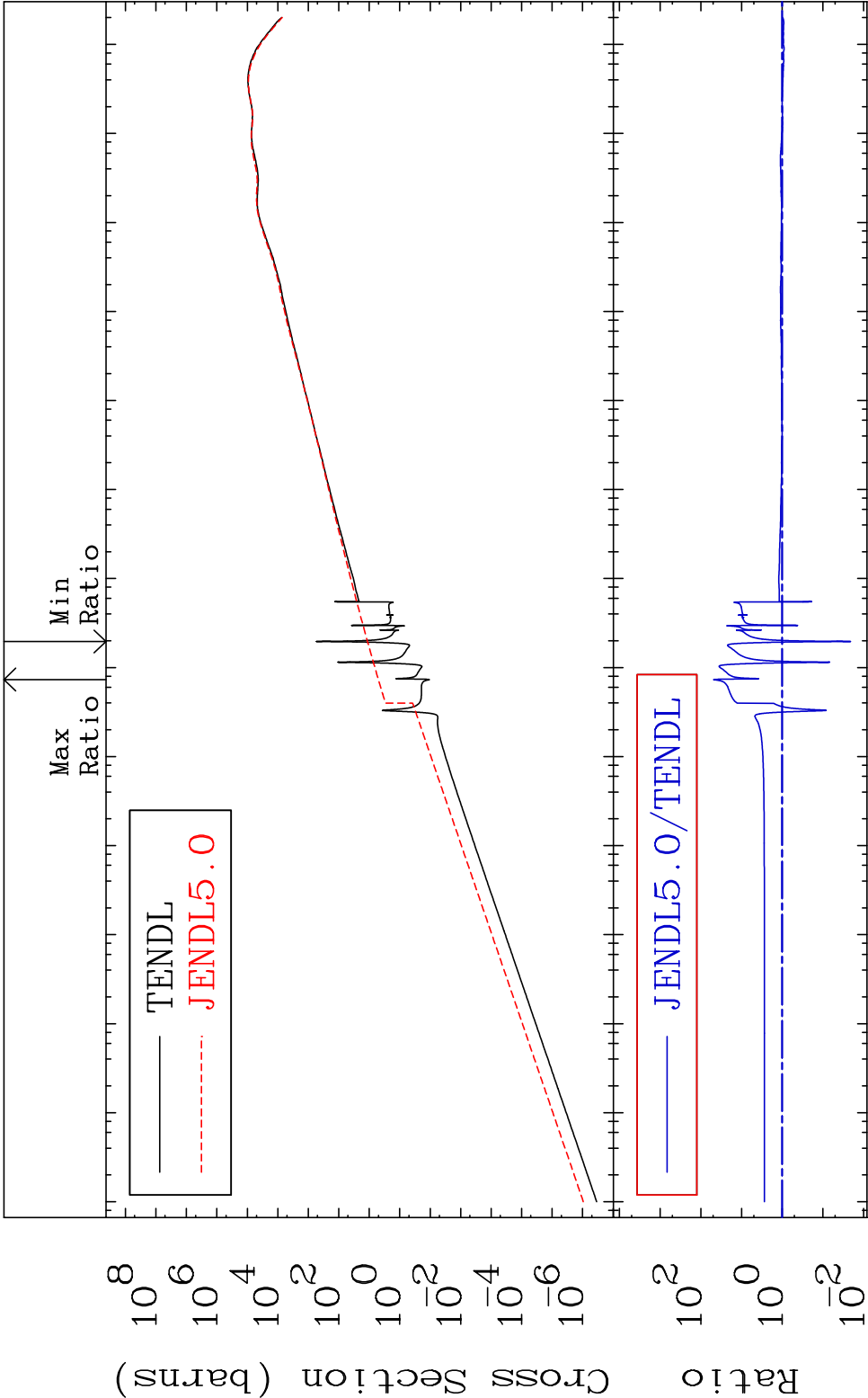




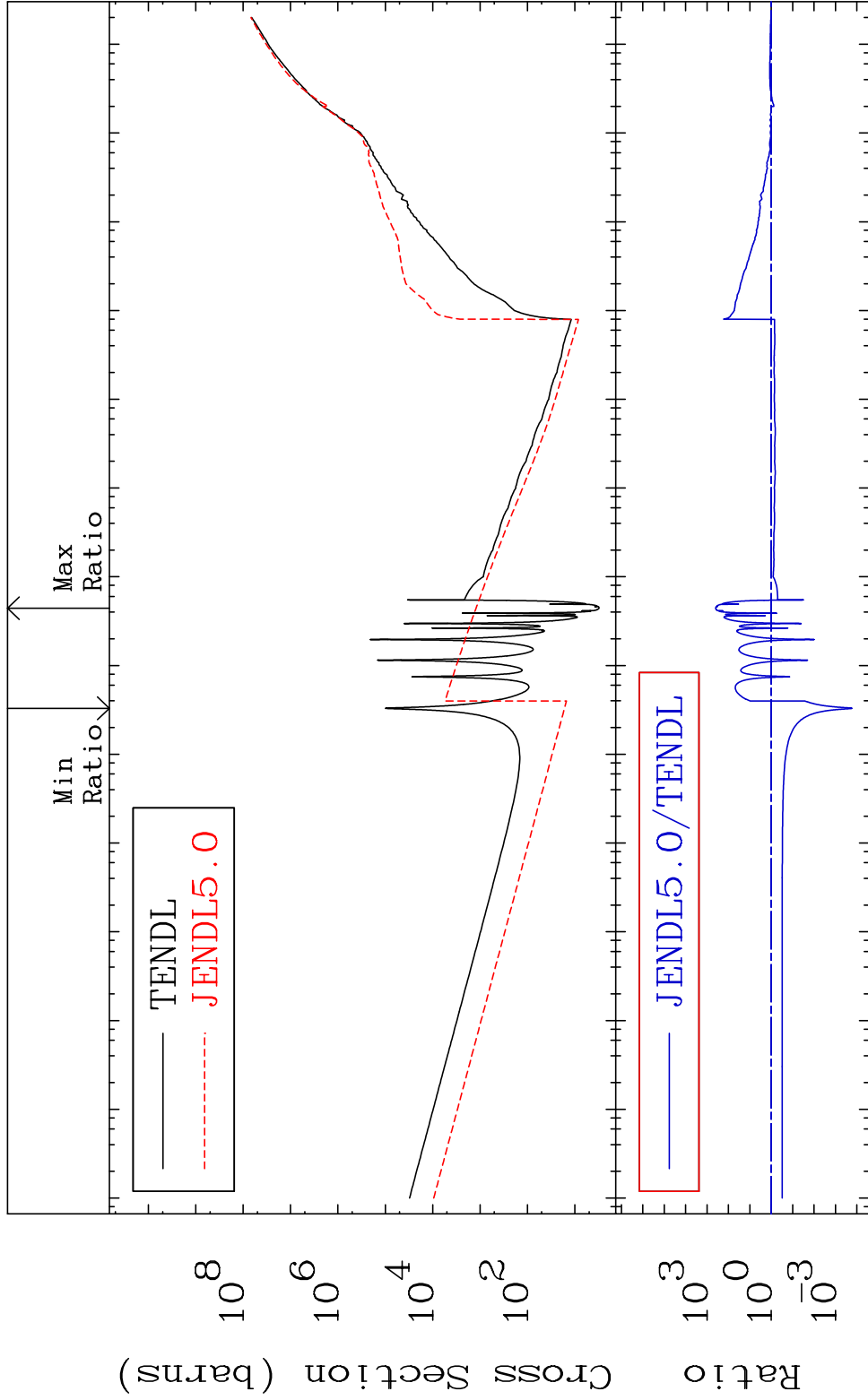


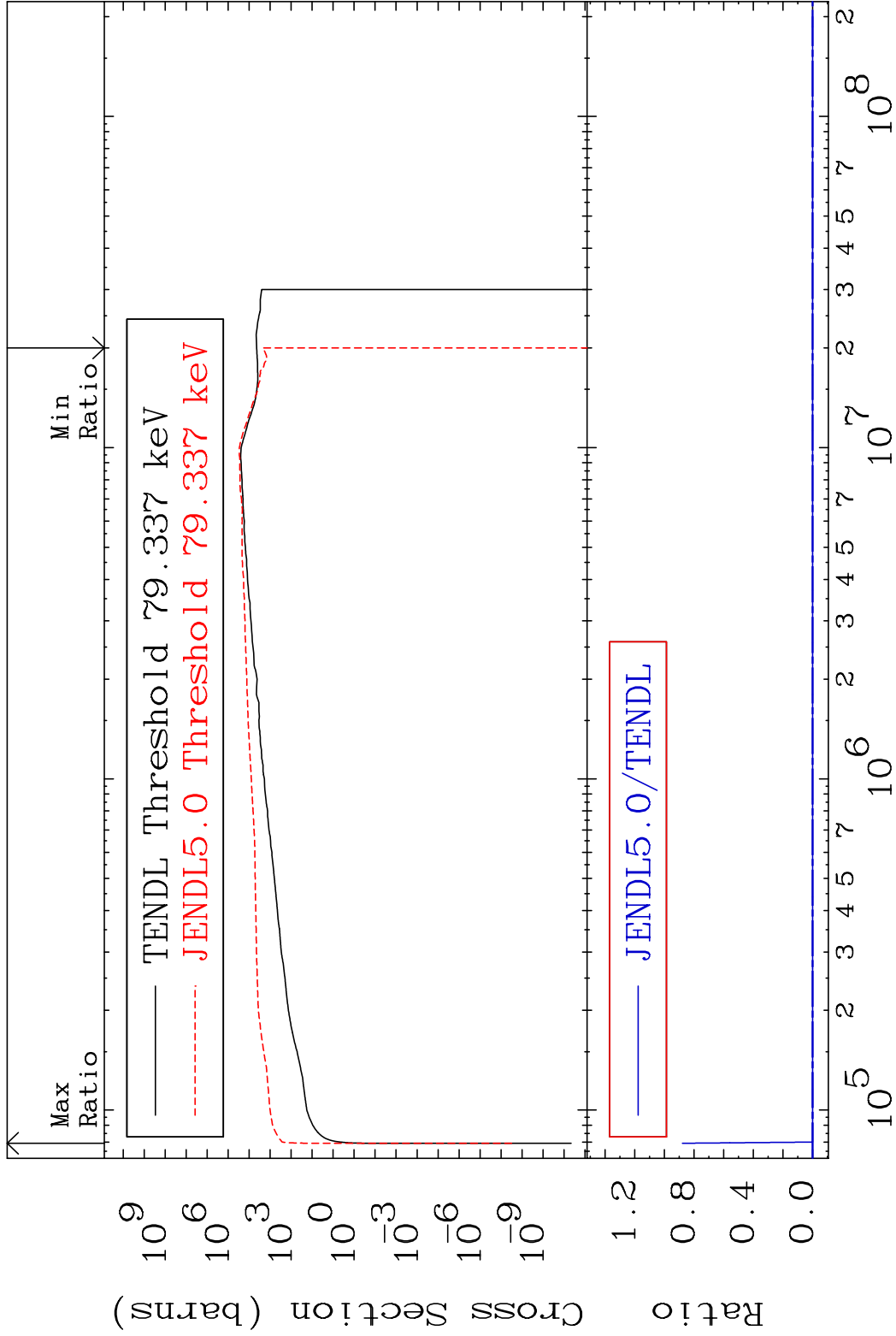
MAT 5519 Kerma total (eV-barns) 55-Cs-131
Cross Section -99.98 To 9999. %



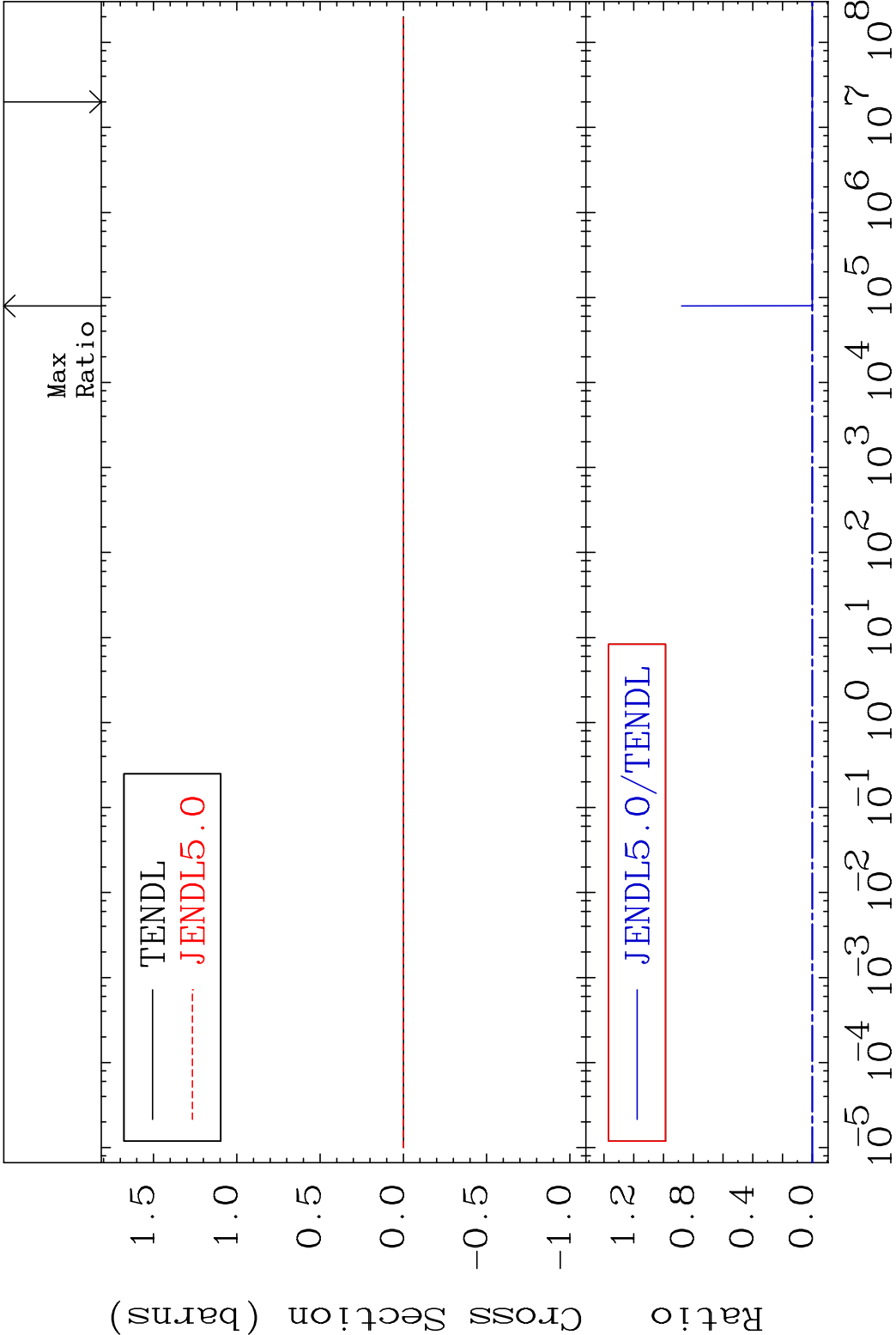


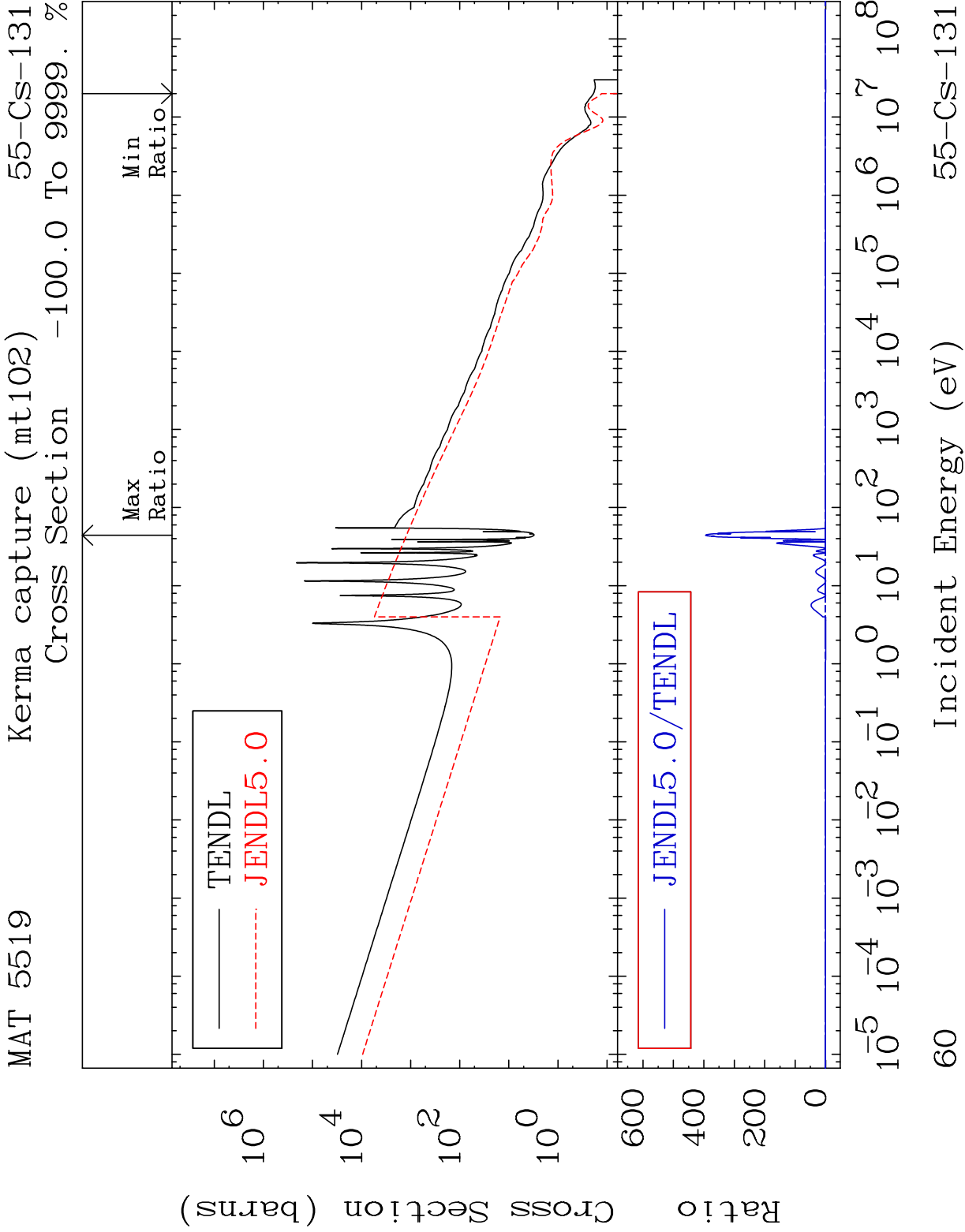
MAT 5519 Kerma non-elastic (all but mt2) 55-Cs-131
Cross Section -99.98 To 9999. %

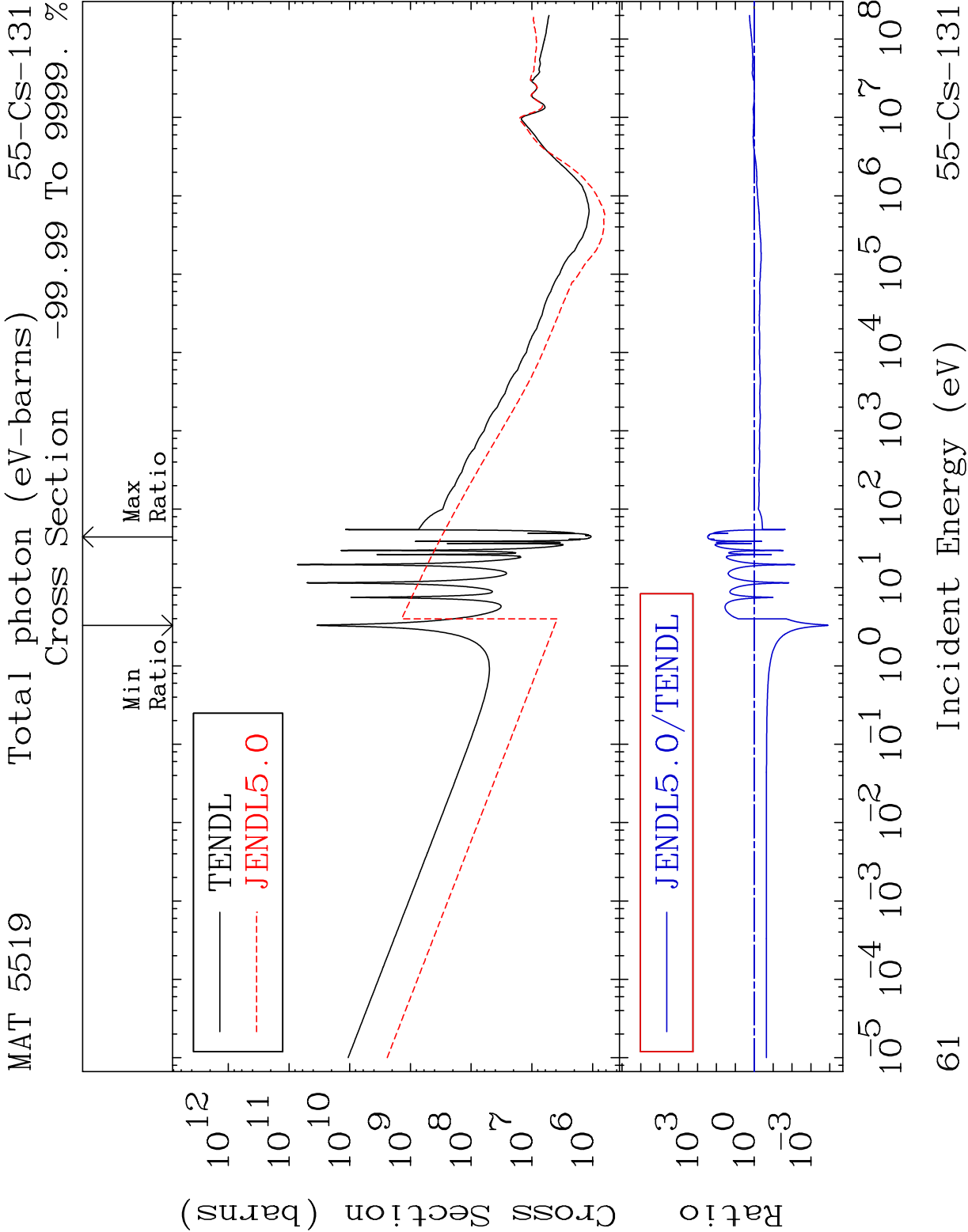




MAT 5519Kerma fission (mt18 or mt19-20-21-38)55-Cs-131
Cross Section -100.0 To 9999. %

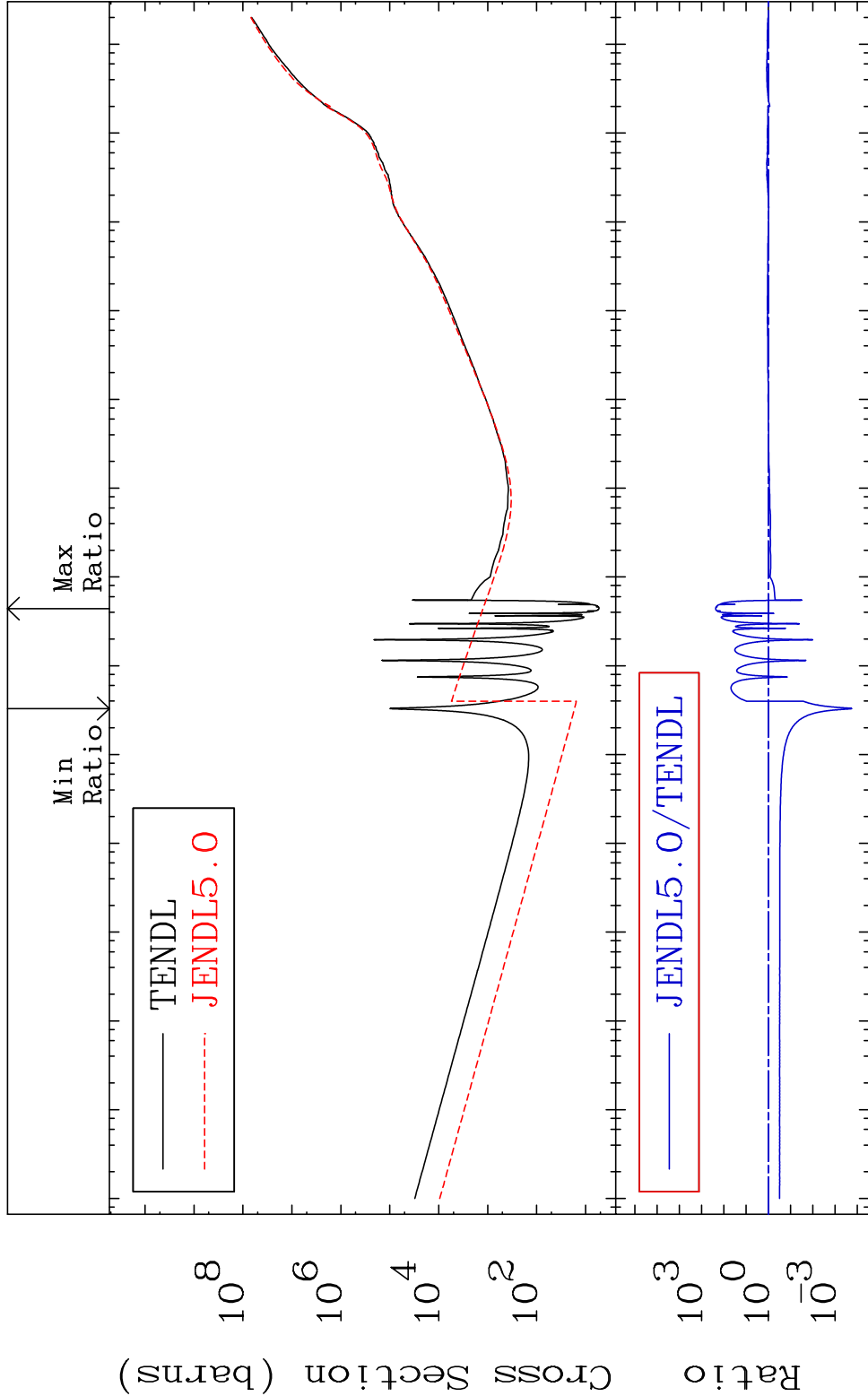






MAT 5519 Total kinematic kerma (high limit) 55-Cs-131

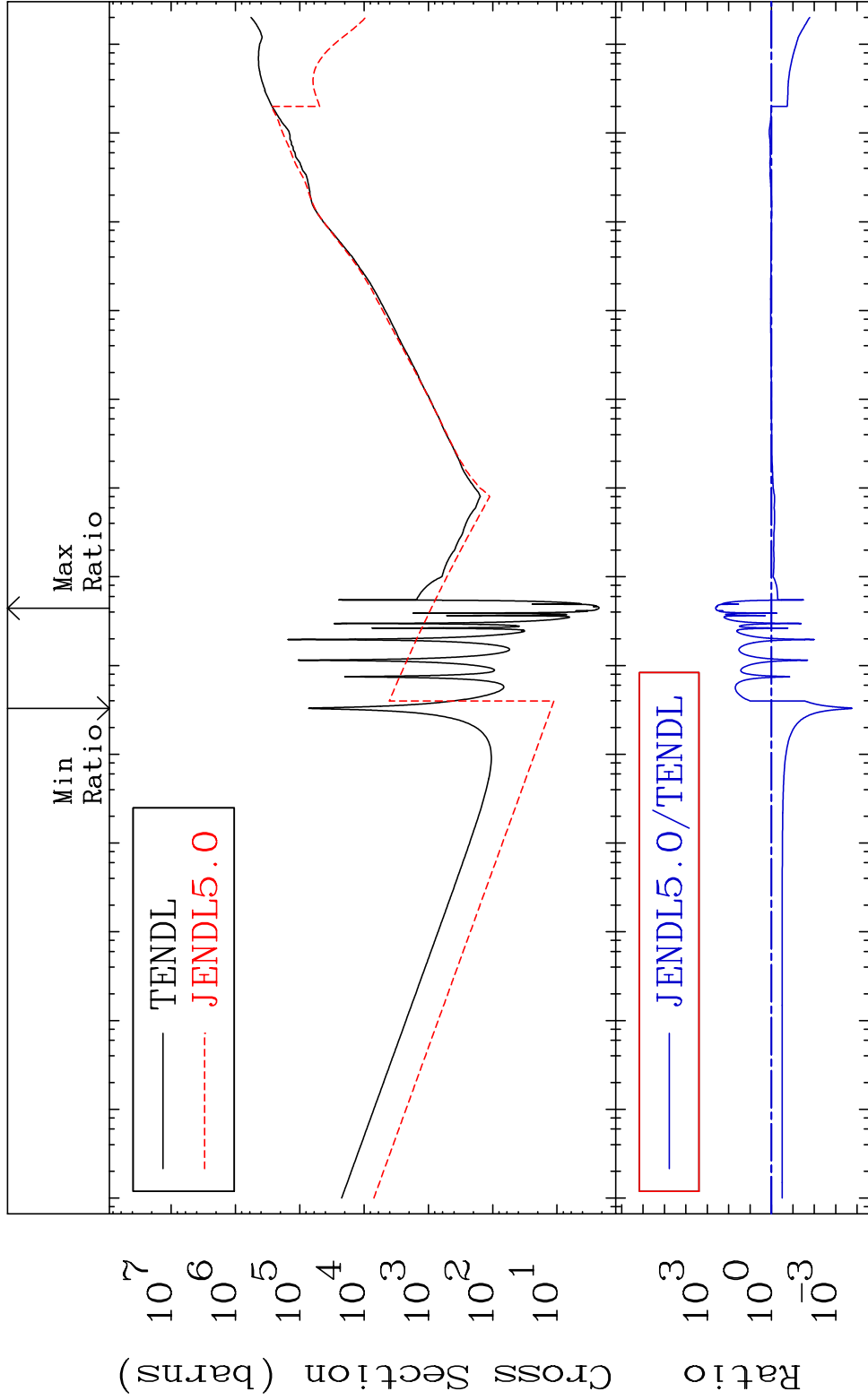
Cross Section -99.98 To 9999. %



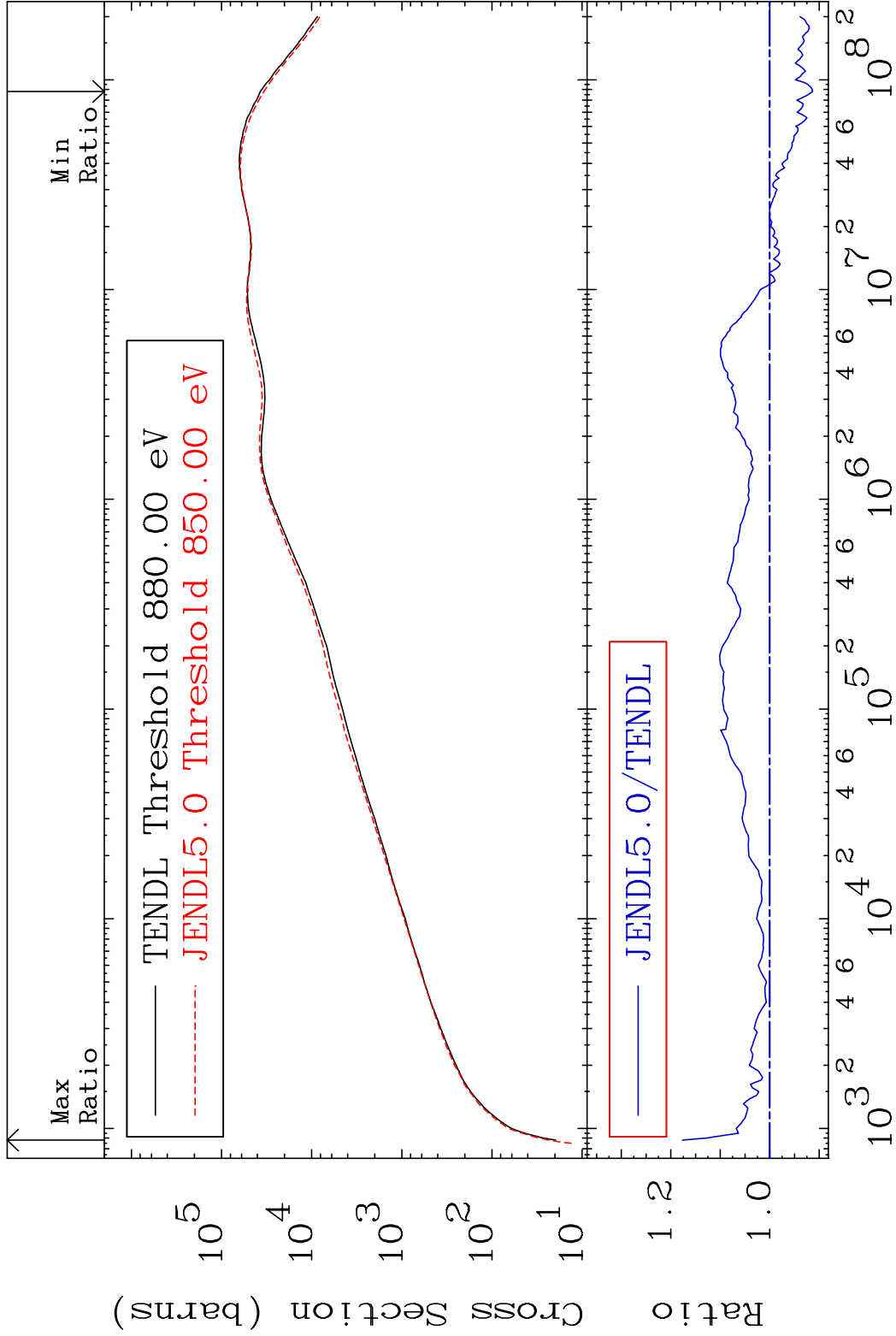
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

62 Incident Energy (eV) 55-Cs-131

MAT 5519 Dpa total (eV-barns) 55-Cs-131
Cross Section -99.98 To 9999. %

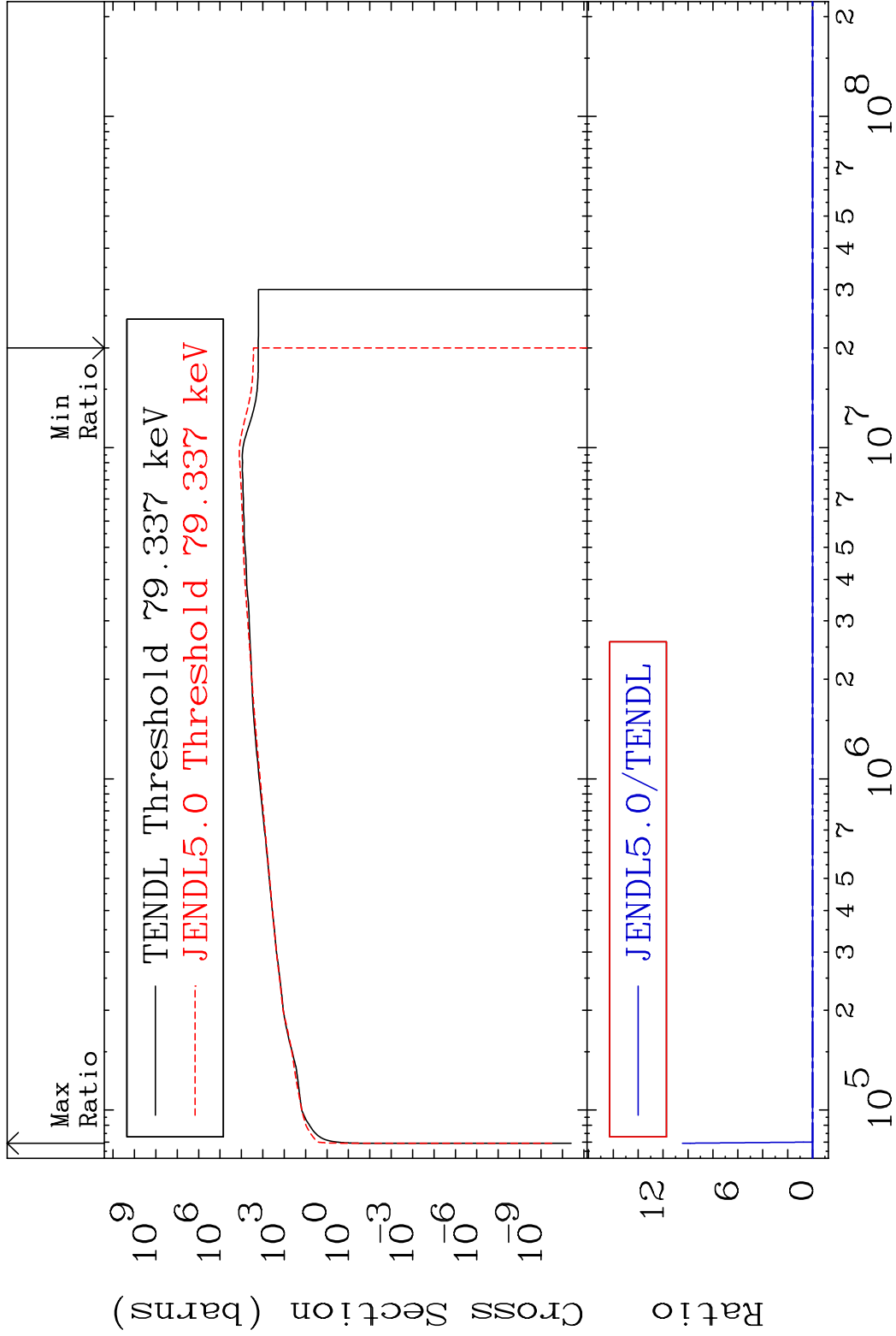


MAT 5519 Dpa elastic (mt2) 55-Cs-131
Cross Section -8.653 To 17.67 %



64 Incident Energy (eV) 55-Cs-131

MAT 5519 Dpa inelastic (mt51-91) 55-Cs-131
Cross Section -100.0 To 9999. %



65 Incident Energy (eV) 55-Cs-131

MAT 5519 Dpa disappearance (mt102 -120) 55-Cs-131
Cross Section -100.0 To 9999. %

